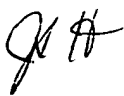


January 9, 2003

TO: ~~Alex Rada~~, Art Unit 3714
~~CP2, Room 10-D-28~~

FROM: Jeanne Horrigan, EIC-3700 

SUBJECT: Search Results for Serial #09/743436

Attached are the search results for the robot, including results of prior art and inventor searches in foreign patent databases, and prior art searches in product related, and robot-related non-patent databases.

I tagged the items that seemed to me to be most relevant, but **I suggest that you review all of the results.**

Also attached is a "*Search Results Feedback Form*." Your feedback will help enhance our search services.

I hope these results are useful. Please let me know if you would like me to expand or modify the search or if you have any questions.

Access DB# 83890

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: ALEX RADA Examiner #: 78217 Date: 1-9-02
Art Unit: 3714 Phone Number 301-7135 Serial Number: 091743, 436
Mail Box and Bldg/Room Location: 6028 Results Format Preferred: (circle) PAPER DISK E-MAIL
CP2

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched.
Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or
utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if
known. Please attach a copy of the cover sheet, pertinent claims; and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

BEST AVAILABLE COPY

STAFF USE ONLY

Searcher: JEANNE HORTIGAN
Searcher Phone #: 305-5934
Searcher Location: CP2-2008
Date Searcher Picked Up: 1/9
Date Completed: 1/9
Searcher Prep & Review Time: 70
Clerical Prep Time: _____
Online Time: 85

Type of Search

NA Sequence (#) _____
AA Sequence (#) _____
Structure (#) _____
Bibliographic ☒
Litigation _____
Fulltext ☒
Patent Family _____
Other _____

Vendors and cost where applicable

STN _____
Dialog ☒
Questel/Orbit _____
Dr. Link _____
Lexis/Nexis _____
Sequence Systems _____
WWW/Internet _____
Other (specify) _____

File 9:Business & Industry(R) Jul/1994-2003/Jan 07
(c) 2003 Resp. DB Svcs.
File 16:Gale Group PROMT(R) 1990-2003/Jan 09
(c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Jan 08
(c)2003 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2003/Jan 06
(c) 2003 The Gale group
File 80:TGG Aerospace/Def.Mkts(R) 1986-2003/Jan 09
(c) 2003 The Gale Group
File 95:TEME-Technology & Management 1989-2003/Dec W4
(c) 2003 FIZ TECHNIK
File 141:Readers Guide 1983-2002/Nov
(c) 2002 The HW Wilson Co
File 481:DELPHES Eur Bus 95-2003/Jan W1
(c) 2003 ACFCI & Chambre CommInd Paris
File 482:Newsweek 2000-2003/Jan 03
(c) 2003 Newsweek, Inc.
File 484:Periodical Abs Plustext 1986-2003/Jan W1
(c) 2003 ProQuest
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jan 08
(c) 2003 The Gale Group
File 635:Business Dateline(R) 1985-2003/Jan 08
(c) 2003 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2003/Jan 09
(c) 2003 The Gale Group
File 646:Consumer Reports 1982-2002/Dec
(c) 2002 Consumer Union
File 609:Bridge World Markets 2000-2001/Oct 01
(c) 2001 Bridge
File 649:Gale Group Newswire ASAP(TM) 2003/Jan 02
(c) 2003 The Gale Group
File 610:Business Wire 1999-2003/Jan 09
(c) 2003 Business Wire.
File 613:PR Newswire 1999-2003/Jan 09
(c) 2003 PR Newswire Association Inc
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 20:Dialog Global Reporter 1997-2003/Jan 09
(c) 2003 The Dialog Corp.
File 570:Gale Group MARS(R) 1984-2003/Jan 09
(c) 2003 The Gale Group

Set	Items	Description
S1	576121	TOY? ?
S2	274154	ROBOT?
S3	39972	(ANIMATED OR CARTOON) (2W) (FIGURE OR FIGURES OR CHARACTER? - ?)
S4	1717810	EYE OR EYES
S5	228316	NOSE OR NOSES
S6	435840	MOUTH OR MOUTHS
S7	10540	(FACE OR FACIAL) (3N) FEATURE? ?
S8	332597	TRANSPARENT?
S9	3545345	LIGHT???
S10	4797028	SCREEN? ? OR SHIELD? ? OR COVER? ? OR MASK? ? OR PLATE? ?
S11	52930	SUNGLASSES OR DARK()GLASSES
S12	45625	S1(S)S2 OR S3
S13	2240555	S4:S7
S14	384775	S8(5N)S8 OR S11
S15	56588	S8(5N)S10 OR S11
S16	1	S15(5N)S13(S)S12
S17	115	S9 AND S12 AND S13 AND S15
S18	2379	S15(5N)S13

S19	10	S17 AND S18
S20	10	S19 NOT S16
S21	8	RD (unique items)
S22	1	S21/2003 OR S21/2002 OR S21/2001 OR S21/2000
S23	7	S21 NOT S22
S24	7	Sort S23/ALL/PD,D
S25	69257	S2/TI,DE
S26	133518	S1/TI,DE
S27	202023	S25:S26
S28	408	S4(S)S10:S11 AND S27
S29	22312	S4(5N)S9
S30	33151	S9(5N)S10:S11
S31	19	S28(S)S29:S30
S32	19	S31 NOT (S16 OR S20)
S33	12	RD (unique items)
S34	7	S33/2003 OR S33/2002 OR S33/2001 OR S33/2000
S35	5	S33 NOT S34

16/3,K/1 (Item 1 from file: 160)
DIALOG(R) File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01945041

Seven-Up's Spot hopes to unseat Pillsbury Doughboy
Dallas Business Journal (TX) May 16, 1988 p. 1,24
ISSN: 8750-6084

Seven-Up (Dallas, TX) hopes to turn its 'Spot' **animated character** in ads into a profitable license property. The red character, wearing **sunglasses** and having a circle-shaped **mouth**, debuted in 1/88 in TV ads to play 'refrigerator baseball.,' and originally, there were...

24/8/1 (Item 1 from file: 47)
DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

04773425 SUPPLIER NUMBER: 19488677 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Pacific Basin futures. (Sydney Biennale, Art Gallery of New South Wales,
Sydney, Australia; Asia-Pacific Triennial, Queensland Art Gallery,
Brisbane, Australia; various artists)**
June, 1997
WORD COUNT: 5147 LINE COUNT: 00426

SPECIAL FEATURES: illustration; photograph
DESCRIPTORS: Art, Australian--Criticism, interpretation, etc.; Art,
Modern--Criticism, interpretation, etc.; Art, Australian (Aboriginal)--
Criticism, interpretation, etc.; Art, Asian--Criticism, interpretation,
etc.; Sydney, Australia--Exhibitions; Brisbane, Australia--Exhibitions
FILE SEGMENT: MI File 47

24/8/2 (Item 2 from file: 141)
DIALOG(R)File 141:(c) 2002 The HW Wilson Co. All rts. reserv.

03321854 H.W. WILSON RECORD NUMBER: BRGA96071854 (USE FORMAT 7 FOR
FULLTEXT)
Safe under the sun.
AUGMENTED TITLE: melanoma prevention; with interview with A. F. Hood
WORD COUNT: 6123

DESCRIPTORS:
Melanoma--Prevention; Suntan; Ultraviolet rays--Physiological effects
NAMED PERSONS: Hood, Antoinette F.
Sept./Oct. 1996 (19960900)

24/8/3 (Item 3 from file: 484)
DIALOG(R)File 484:(c) 2003 ProQuest. All rts. reserv.

02964634 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Safe under the sun
Sep 1996

DESCRIPTORS: Public health; Sunburn & sun tanning; Skin cancer
GEOGRAPHIC NAMES: Australia
SPECIAL FEATURES: Photograph Illustration

24/8/4 (Item 4 from file: 47)
DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

04554044 SUPPLIER NUMBER: 18469167
**Sunglasses provide more than just a cool look for kids. (children should
wear sunglasses to protect their eyes from harmful ultraviolet rays
from sunlight) (Brief Article)**
July, 1996
WORD COUNT: 474 LINE COUNT: 00040

SPECIAL FEATURES: illustration; photograph
DESCRIPTORS: Children--Health aspects; **Sunglasses** --Health aspects
FILE SEGMENT: MI File 47

24/8/5 (Item 5 from file: 484)
DIALOG(R)File 484:(c) 2003 ProQuest. All rts. reserv.

02387432 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Maria
Spring 1995

DESCRIPTORS: Personal profiles; Acquired immune deficiency syndrome; AIDS;
Human immunodeficiency virus; HIV; Women; Health care; Families & family
life; Personal relationships

24/8/6 (Item 6 from file: 148)

DIALOG(R)File 148:(c)2003 The Gale Group. All rts. reserv.

04812888 SUPPLIER NUMBER: 09378987 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Capitalism rules. (short story) (Regardie's Third Annual Money, Power,
Greed Fiction Contest)**

August, 1990

WORD COUNT: 7869 LINE COUNT: 00548

SPECIAL FEATURES: illustration; photograph

INDUSTRY CODES/NAMES: REG Business, Regional

DESCRIPTORS: Short stories

FILE SEGMENT: MI File 47

24/8/7 (Item 7 from file: 47)

DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

02878671 SUPPLIER NUMBER: 04326293 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Jim McMahon. (interview)

Oct, 1986

WORD COUNT: 2976 LINE COUNT: 00202

SPECIAL FEATURES: illustration; portrait

DESCRIPTORS: Chicago Bears--Officials and employees; Quarterbacks
(Football)--Interviews

NAMED PERSONS: McMahon, Jim--Interviews

FILE SEGMENT: MI File 47

35/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

01628936 (USE FORMAT 7 OR 9 FOR FULLTEXT)
LICENSES RECENTLY GRANTED by Sony Signatures
(Sony Signatures recently granted rights to its Three Stooges property to numerous firms)
TLL The Licensing Letter, v XX, n 10, p 12
October 1996
DOCUMENT TYPE: Newsletter; News Brief ISSN: 8755-6235 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 142

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
LICENSES RECENTLY GRANTED by Sony Signatures

Property	Granted To	Products Manufactured	Granted By
Three	American Covers	Fabric and lenticular	Sony
Stooges		mousepads and	Signatures
		keyboards wristpads	
	Comic Images	Trading cards and	
		trading card binders	
		for U.S., Canada,	
		Australia	
	Desperate	Light switch plates	
	Enterprises	and metal signs for	
		U.S., EEC countries	
		Japan, Australia,	
		New Zealand	
	Exclusive Toy	Limited edition	
	Products	PVC dolls	
	Eye Kande	Limited edition matted	
		and framed lithographs	
	Gift Creations	Keychains, magnets,	
		glass shot glasses,	
		ceramic...	

35/3,K/2 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01004709
A dirty job falls to robot technology.
New Scientist February 2, 1984 p. 251

... from the metal, and feeds a 2-D image to a computer for analysis.
The **eye** of the robot is protected from extraneous radiation from the arc
so that the camera can pick up the reflected laser **light** . Glass **screens**
protect the camera from flying metal, and water cools the system. The whole
assembly is...

... and is wrapped around the welding torch. As the robot is welding the
seam, the **eye** is looking 10-20 millimeters ahead. The gap width of the
seam is measured to...

35/3,K/3 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

02028177 SUPPLIER NUMBER: 03161463 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Adults join in Halloween fun. (toy industry)
Ellias, Marian

Playthings, v82, p42(9)

March, 1984

ISSN: 0032-1567

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2751

LINE COUNT: 00213

... s Transformers, Remco's Man Tech, and Tonka's GoBots.

Included in the many new **masks** at Fun World are rubber **masks** with **lights** that blink off and on. In adult accessories, the company has hats, ties, and other...

...for clowns; ears and tails for Playboy bunnies; and It's Party Time -- accessories, sequined **eye masks**, makeup, hair color, and body glitter.

Ben Cooper will have a new line of pajama...

35/3,K/4 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2003 The Gale group. All rts. reserv.

02438355 SUPPLIER NUMBER: 02988256 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The robots are coming!

Roessing, Walter

Saturday Evening Post, v255, p66(4)

Nov, 1983

CODEN: SAEPA

ISSN: 0048-9239

LANGUAGE: ENGLISH

RECORD TYPE:

FULLTEXT

WORD COUNT: 2159

LINE COUNT: 00168

... like its fellow officers--OPD2 has a plastic and metal body, red and blue flashing **lights** for **eyes** and a video **screen** on its chest.

OPD2's chief role is that of an educational tool. And it...

35/3,K/5 (Item 1 from file: 646)

DIALOG(R)File 646:Consumer Reports

(c) 2002 Consumer Union. All rts. reserv.

00003869

Product Recalls.

Consumer Reports: vol. 58, no. 8, p. 549, August, 1993

...to do: Return tires to store for replacement.

Other products Playskool teddy bear plush toy **Eyes** could come off and choke child. Products: 170,390 teddy bears, item no. 5149, sold 10/90-12/31/92 for \$15. Soft plush toy is 13 inches high, with **light**-brown body, dark-brown **eyes**, and black nose. Red sewn-in label says Playskool; white label lists item no. and...

... Swim 'N' Spa exercise pool with spa Swimmer's hair could be drawn into suction **covers** when swim jets are on. That could cause drowning or serious scalp injury. Products: 1300...

... and spa houses control panel, 2 swim jets, and 2 suction openings. Each opening has **cover** that's supposed to prevent hair entrapment. Recalled models have 2 round 10-inch white-plastic suction **covers**, which should be replaced. What to do: For replacement suction **covers**, call 210 831-2715 or write to Rio Plastics, Box 3709, Brownsville, Tex. 78523. Coynes...

File 8: Ei Compendex(R) 1970-2003/Dec W5.
(c) 2003 Elsevier Eng. Info. Inc.
File 25: Weldasearch 1966-2002/Jul
(c) 2002 TWI Ltd
File 80: TGG Aerospace/Def. Mkts(R) 1986-2003/Jan 09
(c) 2003 The Gale Group
File 99: Wilson Appl. Sci & Tech Abs 1983-2002/Nov
(c) 2002 The HW Wilson Co.
File 94: JICST-EPlus 1985-2003/Oct W4
(c) 2003 Japan Science and Tech Corp(JST)
File 35: Dissertation Abs Online 1861-2003/Dec
(c) 2003 ProQuest Info&Learning
File 111: TGG Natl. Newspaper Index(SM) 1979-2003/Jan 03
(c) 2003 The Gale Group
File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 6: NTIS 1964-2003/Jan W1
(c) 2003 NTIS, Intl Cpyrghrt All Rights Res
File 34: SciSearch(R) Cited Ref Sci 1990-2003/Jan W1
(c) 2003 Inst for Sci Info
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 65: Inside Conferences 1993-2003/Jan W1
(c) 2003 BLDSC all rts. reserv.

Set	Items	Description
S1	27457	TOY? ?
S2	208085	ROBOT?
S3	1000	(ANIMATED OR CARTOON) (2W) (FIGURE OR FIGURES OR CHARACTER? - ?)
S4	242005	EYE OR EYES
S5	36878	NOSE OR NOSES
S6	81921	MOUTH OR MOUTHS
S7	2950	(FACE OR FACIAL) (3N) FEATURE? ?
S8	64644	TRANSPARENT?
S9	1164805	LIGHT???
S10	994018	SCREEN? ? OR SHIELD? ? OR COVER? ? OR MASK? ? OR PLATE? ?
S11	1051	SUNGLASSES OR DARK() GLASSES
S12	1584	S8() S10 OR S11
S13	209066	S2: S3
S14	1	S12 AND S13 AND S9
S15	4	S12 AND S13
S16	3	S15 NOT S14
S17	3	RD (unique items)
S18	2	S17/2002:2003 OR S17/2000:2001
S19	1	S17 NOT S18
S20	409	S1 AND S2
S21	352377	S4: S7
S22	995025	S10: S11
S23	0	S20 AND S21 AND S22 AND S9
S24	0	S20 AND S21 AND S22
S25	25	S21 AND S22 AND S9 AND S2: S3
S26	25	S25 NOT S14: S15
S27	23	RD (unique items)
S28	10	S27/2003 OR S27/2002 OR S27/2001 OR S27/2000
S29	13	S27 NOT S28
S30	13	Sort S29/ALL/PY, D

14/3,K/1 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

00761897 JICST ACCESSION NUMBER: 89A0513658 FILE SEGMENT: JICST-E
**Profile detection of objects by a high-resolution tactile sensor using a
light conductive plate.**
HIRAISHI HISATO (1); SUZUKI NATSUO (2); KANEKO MAKOTO (2); TANIE KAZUO (2)
(1) Citizen Watch Co., Ltd., Technical Res. Lab.; (2) Mechanical
Engineering Lab.
Nippon Kikai Gakkai Ronbunshu. C(Transactions of the Japan Society of
Mechanical Engineers. C), 1989, VOL.55,NO.516, PAGE.2091-2099, FIG.12,
REF.14
JOURNAL NUMBER: F0045BAL ISSN NO: 0387-5024
UNIVERSAL DECIMAL CLASSIFICATION: 681.58
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

**Profile detection of objects by a high-resolution tactile sensor using a
light conductive plate.**

ABSTRACT: A high resolution tactile sensor of pressure-to- **light**
conversion type is developed. An object is pressed on a white elastic
sheet to make close contact with a **transparent plate** underneath.
Then the side of the plate is irradiated. The sheet contact areas on
the plate scatter the **light** which provides a tactile image of the
object profile. This is based on the mechanism that the contact
material at the surface of the **transparent plate** is changed from
the air to an elastic sheet, and then the condition of total...

...DESCRIPTORS: **robot** ;

19/7/1 (Item 1 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

01385773 E.I. Monthly No: EI8309075597 E.I. Yearly No: EI83052326

Title: **INDUSTRIAL ROBOT ' MOVES IN ON LENS EDGING.**

Author: Stephens, Chris

Source: Industrial Diamond Review v 42 n 493 Jun 1982 p 356-359

Publication Year: 1982

CODEN: INDRA9 ISSN: 0019-8145

Language: ENGLISH

Journal Announcement: 8309

Abstract: An account is given of the operation of a microprocessor-controlled lens edger at the works of Autoglaje Optical Co. Ltd, the UK's largest manufacturer of 'own-brand' **sunglasses** . It is shown that edger can mean substantially faster, accurately controlled machining cycles, not necessarily because the throughput per machine is greater but, more importantly, because a single operator can control a battery of such machines probably with far less effort.

30/3,K/1 (Item 1 from file: 94)
DIALOG(R) File 94:JICST-EPlus
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

04384297 JICST ACCESSION NUMBER: 99A0944209 FILE SEGMENT: JICST-E
Development of compound- eye -type micro vision sensor.
UMEDA KAZUNORI (1); SEKINE MICHIAKI (1)
(1) Chuo Univ.
Nippon Kikai Gakkai Robotikusu, Mekatoronikusu Koenkai Koen Ronbunshu, 1999
, VOL.1999,NO.Pt.1, PAGE.1A1.58.087(1)-1A1.58.087(2), FIG.8, REF.5
JOURNAL NUMBER: L0318AAB
UNIVERSAL DECIMAL CLASSIFICATION: 007.52:681.52
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

Development of compound- eye -type micro vision sensor.
...ABSTRACT: difficult to miniaturize a CCD camera. The authors proposed
the principle of a simple compound **eye** sensor which consists of photo
sensors and a simple **cover** . The constructed prototype utilizes a CCD
device as the photo sensors and OHP films as the **cover** . Experiments
show the effectiveness of the prototype. (author abst.)
...DESCRIPTORS: **robot** ; ...
...point **light** source
...BROADER DESCRIPTORS: **light** source

30/3,K/2 (Item 2 from file: 80)
DIALOG(R) File 80:TGG Aerospace/Def.Mkts(R)
(c) 2003 The Gale Group. All rts. reserv.

01441612 Supplier Number: 56004982 (USE FORMAT 7 FOR FULLTEXT)
USGS serves up fresh satellite views of Earth.(Government Activity)
DAUKANTAS, PATRICIA
Government Computer News, v18, n32, p1
Sept 27, 1999
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 662

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
Earth's newest **eye** is beaming down trillions of bytes in many colors.
... 7 mission management officer for USGS. The number of daily images
depends on the cloud **cover** 445 miles below the satellite.
On average, a minimally processed image takes up 500M, Zeiler said.
To handle so many bytes, the EROS Data Center is using **robotic** tape silos
(GCN, Feb. 8, Page 34).
Where's it go?
Depending on its orbital...
...are archived separately from the images, Zeiler said. Metadata provides
information about location and cloud **cover** ; the browse data shows
low-resolution versions of each scene.
The data is available to...
...detailed mapping, Zeiler said.
Landsat 7's detector takes images in three colors of visible **light**
and three bands of near-infrared **light** , all at 30-meter resolution. The
sensor also images in a thermal band of longer-wavelength infrared **light**
at 60-meter resolution. In panchromatic mode, the camera picks up most of
the visible- **light** spectrum with fine detail at 15-meter resolution.
Landsat 7 products cost \$475 for a...

30/3,K/3 (Item 3 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)
(c) 2003 The Gale Group. All rts. reserv.

01430190 Supplier Number: 54359087 (USE FORMAT 7 FOR FULLTEXT)

Who's who at Inter Airport Asia.

Airports International, v32, n2, p24(1)

March, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 3556

... polyurethane press-on tyres, suspension springs, swivel locks and face contact brakes.

The company makes **light** to super-duty institutional and industrial casters and wheels with capacities from 90 to 100...

...information display systems, indoor bright signs, outdoor signal units, advertising units, seats, linings for columns, **lighting** sails and synthetic flooring.

CFME-ACTIM

This association of French companies and professional bodies works... 125bhp Deutz water-cooled diesel engine. With a tyre weight of 12 tonnes the aircraft **nose** landing gear cradle of the machine can lift aircraft hose wheel weights of up to...The group also offers systems for baggage reconciliation, the integration of IATA 10 digit licence **plates**, and 100% hold baggage screening systems.

Also taking a stand at the exhibition will be...

...making its first appearance at an airport show in Singapore showing its expertise in manhole **covers**.

This ISO9001 certified French firm will display its Airport Watertight Ermatic range. These are manufactured from 100% ductile cast iron and feature lifting devices that engage in universal keyways allowing **covers** to slide in and out of their frames along greased, machined surfaces.

Christian Pohl

Curved...

...support equipment. It is a Licensed Boeing Tooling and GSE Supplier in an agreement that **covers** all Boeing models from the 707 through to the 777 aircraft.

In September, the company...

...Recovery Systems.

SAS Gouda

SAS has recently developed expertise in innovative techniques based on linear **robotic** drive systems. Long a specialised engineering firm providing advanced equipment in air cargo handling and...

30/3,K/4 (Item 4 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)
(c) 2003 The Gale Group. All rts. reserv.

01425162 Supplier Number: 53344975 (USE FORMAT 7 FOR FULLTEXT)

Laying the cornerstone; Building the station. (International Space Station)

Cook, William J.

U.S. News & World Report, p60(1)

Dec 7, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; General Trade

Word Count: 1761

... station will be among the brightest objects in the night sky, visible to the naked **eye** as a moving "star." Forty-five flights (36 by U.S. shuttle, nine on two...Secondary oxygen tanks. Thirty-minute backup

supply; Battery; Primary oxygen tanks; Display and control module; **Lights**
; TV camera; Radio and antenna

Suited for the job The "extravehicular mobility unit" protects
astronauts...

...polycarbonate bubble. The Snoopy cap underneath holds earphones and a
microphone, which doubles as a **nose** scratcher. Life-support system. The
backpack holds oxygen, cooling water, a battery, a temperature controller
...

...and micrometeorites. 2. Insulation layers. Aluminized Mylar 3. Rip-stop
nylon liner 4. Pressure garment **cover** 5. Pressure garment. Maintains
pressure at 4.3 PSI

Inner suit 6. Nylon/spandex garment...

...of the future Canada's contribution to the station is a 57-foot-long
jointed **robotic** manipulator arm capable of moving 120 tons. It is a
larger, improved version of the...

...hands. Attached to jointed limbs at the end of the arm, the hands can
remove **covers**, change batteries, and wield tools. The arm. Operated from
inside the station, the arm will...

30/3,K/5 (Item 5 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2003 Inst for Sci Info. All rts. reserv.

05611217 Genuine Article#: WK732 No. References: 36

Title: **Selective masking of the achromatic system can be cortically
mediated**

Author(s): Schwartz SH (REPRINT)

Corporate Source: SO COLL OPTOMETRY, DEPT BIOMED SCI/MEMPHIS//TN/38104
(REPRINT)

Journal: JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE
AND VISION, 1997, V14, N3 (MAR), P703-707

ISSN: 0740-3232 Publication date: 19970300

Publisher: OPTICAL SOC AMER, 2010 MASSACHUSETTS AVE NW, WASHINGTON, DC
20036

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Abstract: A luminance decrement selectively **masks** the achromatic system
when presented in the same **eye** as the stimulus. The purpose of this
study was to determine whether the masking effect...

...systems were identified with monocularly presented 10- and 200-ms
spectral increments. A luminance decrement **mask** was presented to the
fellow **eye**. This **mask** was 50-ms in duration and either preceded the
onset of the increment by 25...

...spectral sensitivity functions obtained with 10-ms increments, either
preceded or followed by the dichoptic **mask**, were profoundly different
from those obtained with isolated 10-ms increments: the broadband
achromatic function was replaced by a color-opponent function of lesser
sensitivity. In comparison, the **masks** did not have a substantial
effect on the form or sensitivity of the color-opponent functions
obtained with 200-ms increments. These data reveal that a luminance
decrement **mask**, presented under dichoptic viewing conditions,
suppresses the achromatic system but not the color-opponent system...

...a luminance decrement can be mediated at a site after the signals from
the two **eyes** are combined-the striate cortex or beyond. Implications
for models of binocular, blink, and saccadic...

...Identifiers--THRESHOLD SPECTRAL SENSITIVITY; SACCADIC SUPPRESSION;
VISUAL SUPPRESSION; BINOCULAR-RIVALRY; COLOR MECHANISMS; PATTERN
MASKING; BRIEF **LIGHTS**; LUMINANCE; FLICKER; DEPENDENCE

Research Fronts: 95-0277 001 (3D MOTION RECOVERY; FILTER SELECTION MODEL;
VISUAL MEASUREMENTS DURING **ROBOTIC** VISUAL SERVOING TASKS)

95-7350 001 (COLOR APPEARANCE; HUMAN CHROMATIC OPPONENT MECHANISMS;

30/3,K/6 (Item 6 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

05447022 Genuine Article#: VZ729 No. References: 26

Title: **PATTERNS THAT IMPAIR DISCRIMINATION OF LINE ORIENTATION IN HUMAN VISION**

Author(s): WEHRHAHN C; LI W; WESTHEIMER G

Corporate Source: UNIV CALIF BERKELEY, DIV NEUROBIOL/BERKELEY//CA/94720; MAX PLANCK INST BIOL CYBERNET/D-72076 TUBINGEN//GERMANY/

Journal: PERCEPTION, 1996, V25, N9, P1053-1064

ISSN: 0301-0066

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: effect was examined by measuring the capacity of a variety of patterns to act as **masks**. When patterns were made of exactly the same number of **light** pixels, masking was least when they formed random dots and progressively became stronger as they...

...was still considerable masking when the interfering patterns were confined to the surround. By placing **masks** and test lines in different **eyes**, or by giving them opposite contrast polarity, almost complete interocular and interpolarity transfer was demonstrated...

...Research Fronts: PULSE-COUPLED OSCILLATORS)

95-0277 001 (3D MOTION RECOVERY; FILTER SELECTION MODEL; VISUAL MEASUREMENTS DURING **ROBOTIC** VISUAL SERVOING TASKS)

30/3,K/7 (Item 7 from file: 8)
DIALOG(R) File 8: Ei Compendex(R)
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

04211090 E.I. No: EIP95062748435

Title: **Hand- eye calibration**

Author: Horaud, R.; Dornaika, F.

Corporate Source: LIFIA-IMAG and Iuria Rhone-Alpes, Grenoble, Fr

Source: International Journal of Robotics Research v 14 n 3 Jun 1995. p 195-210

Publication Year: 1995

CODEN: IJRREL ISSN: 0278-3649

Language: English

Title: **Hand- eye calibration**

Abstract: Whenever a sensor is mounted on a **robot** hand, it is important to know the relationship between the sensor and the hand. The problem of determining this relationship is referred to as the hand- **eye** calibration problem. This article has the following main contributions. First we show that there are two possible formulations of the hand- **eye** calibration problem. One formulation is the classic one just mentioned. A second formulation takes the...

...of the camera need not be made explicit. This formulation together with the classic one **covers** a wider range of camera-based sensors to be calibrated with respect to the **robot** hand: single scan-line cameras, stereo heads. range finders, etc. Second, we develop a common mathematical framework to solve for the hand- **eye** calibration problem using either of the two formulations. We represent rotation by a unit quaternion...

...by Tsai and Lenz (1989). This analysis allows the comparison of the three methods. In **light** of this comparison, the nonlinear optimization method, which solves for rotation and translation simultaneously, seems...

Descriptors: **Robotics** ; Calibration; Sensors; Mathematical models; Optimization; Mathematical techniques

Identifiers: Map sensor centered measurements; Hand- **eye** calibration;

Homogeneous matrix

30/3,K/8 (Item 8 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

03574744 Genuine Article#: PP145 No. References: 40
Title: ARTIFICIAL NEURAL NETWORKS FOR LOCATING EYES IN FACIAL IMAGES
Author(s): HAGELIN PM; HEWIT JR
Corporate Source: UNIV DUNDEE, DEPT APPL PHYS ELECTR & MFG/DUNDEE DD1
4HN//SCOTLAND/
Journal: MECHATRONICS, 1994, V4, N7 (OCT), P737-752
ISSN: 0957-4158
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Title: ARTIFICIAL NEURAL NETWORKS FOR LOCATING EYES IN FACIAL IMAGES
Abstract: A feasibility study of artificial neural networks (ANNs) for locating **eyes** in digitised facial images is presented. The objective is to create a system which can...

...amount of image data to be searched by the network. A novel cross-shaped convolution **mask** and geometric constraints on **eye** position are used to reduce execution time. The system achieved a 97.5% success rate in identifying **eyes** in 20 training images and 40 test images. Success was defined as locating the **eye** to within two pixels of the centre of the pupil. A set of images taken under constant **lighting** conditions produces the best results. It is estimated that execution time would be 0.12...

...a TMS320C30 DSP accelerator. This would be significantly faster than a recently developed RBF neural **eye** location algorithm which requires 20 s to perform the same task.

Research Fronts: 92-0522 002 (NEURAL NETWORKS; **ROBOT** PATH PLANNING; MULTIVARIATE FUNCTION APPROXIMATION)
92-0452 001 (SEISMIC TRAVELTIME INVERSION FOR 2-D CRUSTAL...

30/3,K/9 (Item 9 from file: 80)
DIALOG(R) File 80:TGG Aerospace/Def.Mkts(R)
(c) 2003 The Gale Group. All rts. reserv.

01327115 Supplier Number: 44326987 (USE FORMAT 7 FOR FULLTEXT)
Airbus A321 and A330: different but alike
Interavia Aerospace World, p51
Jan, 1994
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3022

... of the flight has been set.

While these actions are under way, the upper ECAM **screen** also provides digital and analogue read-outs of engine parameters, while the lower ECAM display...

...Vr) of 131kt and I pulled back on the side-stick controller to raise the **nose** to a pitch attitude of about 15 deg. for lift-off.

Airbus was the first...flight control computers stabilised the airspeed at slightly above Mach 0.86 by raising the **nose** despite my efforts to hold it down.

Stabilised again at 37,000ft, I pulled the stick full aft, causing the **nose** to pitch up to an attitude of around 27-28 deg. As I held the stick full back, airspeed dropped rapidly and as it did, the **nose** gradually settled down to just under 20 deg. pitch. As the airspeed continued to deteriorate...

...system came into play. The throttles advanced automatically to

takeoff/go-around thrust and the **nose** attitude was adjusted to maintain the aircraft above its stall speed by a small margin...

...and a speed of 180kt, the stick was pulled full aft once again, causing the **nose** to rise to a pitch angle of about 27 deg. before it began coming down as airspeed decayed. Once again, thrust was automatically increased to takeoff/go-around power, the **nose** attitude stabilised at 15-17 deg. pitch, and airspeed stabilised at slightly under 100kt. With...cargo holds and offering greater flexibility to operators.

Fly-by-wire flight controls are simpler, **lighter** and easier to maintain than traditional systems, and provide optimum control displacements that reduce drag and improve overall efficiency.

Extensive use of advanced composites, superplastic forming and diffusion bonding, and **robotic** assembly reduces weight on the aircraft and overall operating costs as a result. For the...

30/3,K/10 (Item 10 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)
(c) 2003 The Gale Group. All rts. reserv.

01252076 Supplier Number: 42214252 (USE FORMAT 7 FOR FULLTEXT)

NASA denies replacing Eosat environmental change instrument...

Space Commerce Week, pN/A

July 12, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 43359

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...the HOPE space shuttle. A small test vehicle with the same shape as the HOPE **nose** -cone will be launched on the H-II, and will separate at the time of...

... Aerospace has reached satellite technology co-operation agreement with its French and Italian counterparts. Accord **covers** joint satellite design, development and marketing by German company; Aerospatiale of France; Alcatel Espace, space...n experimental ultrasonic shape recognition device. The device is expected to be installed on submarine **robots** for use during undersea cable laying and repair operations, in situations where conventional camera vision...the effort. The huge truss structure is planned to use advanced composites to achieve essential **light** weight and stiffness/dimensional stability. As we see it, however, it should be possible to...

...Ltd. (6355) has signed a contract to supply French aircraft parts maker Messier-Bugatti with **nose** landing gear assemblies for its ATR42 and ATR72 commuter aircraft. The aircraft were developed by...423197606 OAOSJHE AGRA Industries' Vadeko International Div., Mississauga, Ont., has won \$17.4-million NASA **robotics** contract. **Robot** systems will be used in space agency's new Advanced Solid Rocket Motor (ASRM) facility under construction in Iuka, Miss. Vadeko, one of largest builders of turnkey custom **robot** systems in N. America, will provide complete case preparation facility which includes 3 **robots**, operating with aid of advanced computer technology, to perform various aspects of motor finishing for solid rocket motors. **Robots** will measure 70-ft. ASRM's are being designed and built by team headed by...

...will be 125-ft. high, will be assembled using three 41-ft. solid propellant segments. **Robots** are scheduled for delivery in late 1992. Iuka facility should be complete by early 1993. @42319769X...most distant object known in visible universe. Quasar is believed to be about 40 million **light** years farther away than previous record-holder. Astronomers Donald Schneider of Institute of Advanced Study...

...100 candidates. Quasar was formed about 12.1 billion years ago, is 12.1 billion **light** years from Earth. @423197657 OAOSJHE Commander of most

recent space shuttle mission said earlier this...

...Cal. MD spokesman said fuselage is made of titanium matrix composite material, which is extremely **light** and able to withstand extreme temperatures. He said key design factor is need to accommodate...linkups involving French firms includes the Franco-German Eurocopter consortium, which recently got the green **light** from Brussels, an airto air missile accord between Matra and Alenia, and ongoing moves by...aero-engine industry we must drive technology to meet the challenge of producing improved performance, **lighter** propulsion units whilst reducing environmentally-damaging emissions. The substantial investment in R&D that this implies...report from NASA (by the Advisory Committee on the Future of the U.S. Space Program) **covers** the following topics: (1) The U.S. In Space: historical perspective; the ideal space program...for manufacturing lightweight vehicle structures for future combat vehicles; (2) evaluation of metallic and non-metallic **plates** to establish comparative strength, wear resistance, dimensions, weight, cost, and ballistic protection; (3) comparison of...spring at Landsat 6 backup groundstation in Kiruna, Sweden, will serve as 2nd TT&C **eye** high in Northern Hemisphere, supporting Eosat's main U.S.-based Landsat facility by eliminating daily tracking blind spot caused when earth's curvature **masks** single station's view of satellite. GE Astro Space will receive system for mission analysis... installed aboard the Columbia space shuttle. It was chosen because of its high storage density, **light** weight, low power requirements and built in diagnostic capabilities. @424570343 OVKQJTv DBP Telekom has awarded...

...in the competition include Grumman, Northrop, Boeing, LTV, and Rockwell. @424824981 OUJWJWa - A new-generation **nose** radome is being produced by Barracuda Technologies, Inc. (BTI, 315 Seahawk Drive, DeSoto, TX 75115...of graphite-epoxy sheets sandwiched around a layer of Nomex honeycomb, it is about 15% **lighter** than an aluminium equivalent. Pratt & Whitney PT6A-67A engines turn five-blade McCauley propellers, giving...by two companies, Slingsby Aviation and Designability. At a price of \$850,000, this four-seat **light** business aircraft is built almost entirely of glassfibre composites and will be powered by two...

...for systems which will draw on GIV experience. The winglets may be deleted in the **light** of windtunnel tests. @424281643 OUSBJTi In June this year, it was reported that Israel Aircraft...0.78 to M0.81. Learjet claims the 31A is now "the fastest and most economical **light** business jet," boasting a speed of 533kt. Learjet is still modifying and improving its Model...Type/Device - GR.5/7 Visual/Display - MOD DIG/dome Motion - 6 DOF Remarks - ESPRIT **eye** -slaved AoI @424602148 OUSBJTw Manufacturer - CASA Aircraft - C.101 Aviojet Customer - Jordon Air Force Supplier...movies and specialty programs to 18" dishes, will be located at 101 W and will **cover** 48 contiguous states. Commitment of \$100 million this summer by U.S. Satellite Bcstg. (USSB...measures more than 3-by-6-by-2 inches. A plexiglass optical element collects the **light** from the wide field of view, sending a signal to an amplifier in the unit. This ...

...at NASA's Ames Research Facility, Edwards, Cal. Tests used paint that becomes luminescent under ultraviolet **light**; intensity of **light** radiated by paint is proportional to pressure it receives in flight. @425081710 OWPKJWi Following successful government...

30/3,K/11 (Item 11 from file: 6)
DIALOG(R) File 6:NTIS
(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1399120 NTIS Accession Number: NTN88-0462

Lightweight Video-Camera Head: A separate optical assembly weighs only 80 grams

(NTIS Tech Note)

National Aeronautics and Space Administration, Washington, DC.
Corp. Source Codes: 011249000

Jun 88 1p

Languages: English

Journal Announcement: GRAI8901

FOR ADDITIONAL INFORMATION: Contact: NASA Technology Transfer Div., PO Box 8757 BWI Airport, MD 21240; (301) 621-0100 ext 241. Refer to MSC-21246/TN.

NTIS Prices: Not available NTIS

... commercial video camera in a separate assembly. Such a camera head could be useful in **robotics**, artificial vision, and vision guidance systems, where minimum size and weight are often important criteria...

... designed to be mounted on the visor of a helmet to monitor the motions of **eyes** in experiments on vestibuloocular reflexes; even the smallest conventional one-piece video camera would have...

... circuitry is made with a specific wire-bundle twist to reduce line capacitance and to **shield** against external electromagnetic and radio-frequency interference. The cable can be up to 6 ft...

... at a wavelength of 920 nm. In the visible spectrum, the camera requires a minimum **light** intensity of 3 lux. A ring-shaped **light** source that surrounds the lens has been developed to provide uniform infrared and visible illumination...

Identifiers: Video cameras; *Video equipment; * **Robot** vision; NTISNTND

30/3,K/12 (Item 12 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

00371882 JICST ACCESSION NUMBER: 87A0123864 FILE SEGMENT: JICST-E

Inspection system for printed circuit board.

SUZUKI YOJI (1); USUKI AKIO (1)

(1) Fujidenki Tokyokojo

Fuji Jiho(Fuji Electric Journal), 1986, VOL.59,NO.12, PAGE.774-778, FIG.5, REF.1

JOURNAL NUMBER: F0080AAJ ISSN NO: 0367-3332 CODEN: FUJIA

UNIVERSAL DECIMAL CLASSIFICATION: 621.382.08 621.3.049.75

681.3:621.397.3

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

...ABSTRACT: parts to surface mounting has rapidly advanced. However, the inspection has relied on worker's **eyes** so far, and appearance of an automated inspection system has been desired. Responding such needs, Fuji Electric developed it. The system adopts the specialized **lighting** method. The images of the chip parts taken with TV camera are processed by a...

...DESCRIPTORS: **robot** ;

BROADER DESCRIPTORS: substrate(**plate**); ...

... **plate** classified by application...

... **plate** (material

30/3,K/13 (Item 13 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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02612227 E.I. Monthly No: EIM8807-040079

Title: **INTEGRATION OF VISUAL PROCESSING AND MANIPULATOR CONTROL BY A ROBOT VISION LANGUAGE (RVL).**

Author: Matsushita, Toshio; Hirai, Shigeoki; Sato, Tomomasa

Corporate Source: Electrotechnical Lab, Sakura-mura, Jpn

Conference Title: Proceedings of '85 International Conference on Advanced Robotics.

Conference Location: Tokyo, Jpn Conference Date: 19850909

E.I. Conference No.: 11307

Source: Publ by Japan Industrial Robot Assoc, Tokyo, Jpn. Available from IFS Publ Ltd, Engl p 95-102

Publication Year: 1985

Language: English

Title: INTEGRATION OF VISUAL PROCESSING AND MANIPULATOR CONTROL BY A ROBOT VISION LANGUAGE (RVL).

...Abstract: spatial relationship between objects. As an image feature we utilize a profile obtained by the **light** -plane intersecting method. We deal with the case in which objects are located on a plane. We construct a transition diagram which **covers** all allowable states of relative profiles in an assembly task. We introduce a set of...

...only on mutual relations between objects and not on precision of calibration between hand and **eye** , it is free from calibration errors.

(Author abstract) 13 refs.

Descriptors: **ROBOTS** , INDUSTRIAL...

Identifiers: VISUAL PROCESSING; **ROBOT** VISION LANGUAGE

File 80:TGG Aerospace/Def.Mkts(R) 1986-2003/Jan 09
 (c) 2003 The Gale Group
 File 88:Gale Group Business A.R.T.S. 1976-2003/Jan 03
 (c) 2003 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2003/Jan 09
 (c) 2003 The Gale Group
 File 18:Gale Group F&S Index(R) 1988-2003/Jan 09
 (c) 2003 The Gale Group
 File 149:TGG Health&Wellness DB(SM) 1976-2003/Dec W4
 (c) 2003 The Gale Group
 File 47:Gale Group Magazine DB(TM) 1959-2003/Jan 06
 (c) 2003 The Gale group
 File 75:TGG Management Contents(R) 86-2003/Dec W5
 (c) 2003 The Gale Group
 File 570:Gale Group MARS(R) 1984-2003/Jan 09
 (c) 2003 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jan 08
 (c) 2003 The Gale Group
 File 649:Gale Group Newswire ASAP(TM) 2003/Jan 02
 (c) 2003 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2003/Jan 09
 (c) 2003 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2003/Jan 08
 (c)2003 The Gale Group

Set	Items	Description
S1	24289	PC=3942 OR PC=39442 OR PC=307852
S2	135934	ROBOT??
S3	653	S1 AND S2
S4	1559187	FACE OR FACES OR FACIAL
S5	928380	EYE OR EYES
S6	308217	NOSE OR NOSES OR MOUTH OR MOUTHS
S7	4977928	SCREEN? ? OR SHIELD? ? OR COVER????? OR MASK? ? OR PLATE? ? OR FILM? ?
S8	87701	SUNGLASSES OR GLASSES
S9	3225444	LIGHT??? OR LED OR LUMIN? OR LUMEN?
S10	35	S3 AND S5 AND S7:S8 AND S9
S11	19	RD (unique items)
S12	12	S11/2003 OR S11/2002 OR S11/2001 OR S11/2000
S13	7	S11 NOT S12
S14	7	Sort S13/ALL/PD,D

14/8/1 (Item 1 from file: 148)

DIALOG(R) File 148:(c)2003 The Gale Group. All rts. reserv.

11558831 SUPPLIER NUMBER: 57903030 (USE FORMAT 7 OR 9 FOR FULL TEXT)

'Tis the season for smart toys, and they don't even need a silicon chip. (technology-driven gadgets aren't necessarily best for a child's development) (Buyers Guide)

Dec 6, 1999

WORD COUNT: 1847 LINE COUNT: 00142

DESCRIPTORS: American Specialty Toy Retailing Association--Standards;
Educational toys--Purchasing; Toy industry--Marketing

PRODUCT/INDUSTRY NAMES: **3944200** (Toys)

NAICS CODES: 339932 Game, Toy, and Children's Vehicle Manufacturing

FILE SEGMENT: MI File 47

14/8/2 (Item 2 from file: 649)

DIALOG(R) File 649:(c) 2003 The Gale Group. All rts. reserv.

02143845 SUPPLIER NUMBER: 17949995 (USE FORMAT 7 or 9 FOR FULL TEXT)

KENNER PROMISES FUN AND EXCITEMENT WITH NEW TOYS IN 1996

Feb 8, 1996

WORD COUNT: 2330 LINE COUNT: 00268

COMPANY NAMES: Kenner Products--Product introduction

DESCRIPTORS: Toy industry--Product introduction

INDUSTRY CODES/NAMES: BUS Business, General

PRODUCT/INDUSTRY NAMES: **3944200** (Toys)

SIC CODES: 3944 Games, toys, and children's vehicles

TICKER SYMBOLS: HAS

FILE SEGMENT: NW File 649

14/8/3 (Item 3 from file: 148)

DIALOG(R) File 148:(c)2003 The Gale Group. All rts. reserv.

08238745 SUPPLIER NUMBER: 17477134 (USE FORMAT 7 OR 9 FOR FULL TEXT)

What's selling. (toys)

Oct, 1995

WORD COUNT: 1976 LINE COUNT: 00158

INDUSTRY CODES/NAMES: RETL Retailing; SPRT Sports, Sporting Goods and Toys

DESCRIPTORS: Toys--Supply and demand; Toy industry--Statistics

PRODUCT/INDUSTRY NAMES: **3944200** (Toys)

SIC CODES: 3944 Games, toys, and children's vehicles

FILE SEGMENT: TI File 148

14/8/4 (Item 4 from file: 148)

DIALOG(R) File 148:(c)2003 The Gale Group. All rts. reserv.

07201995 SUPPLIER NUMBER: 15201562 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Mattel celebrates Barbie's 35th birthday with original re-issue. (Mattel Inc.) (Focus '94)

Feb, 1994

WORD COUNT: 1243 LINE COUNT: 00093

SPECIAL FEATURES: illustration; photograph

COMPANY NAMES: Mattel Inc.--History

INDUSTRY CODES/NAMES: RETL Retailing; SPRT Sports, Sporting Goods and Toys

DESCRIPTORS: Toy industry--History; Barbie dolls--History

PRODUCT/INDUSTRY NAMES: **3942012** (Fashion Dolls)

SIC CODES: 3944 Games, toys, and children's vehicles; 3942 Dolls and stuffed toys

FILE SEGMENT: TI File 148

14/8/5 (Item 5 from file: 148)

DIALOG(R) File 148: (c) 2003 The Gale Group. All rts. reserv.

07201992 SUPPLIER NUMBER: 15201580 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tyco's Matchbox, preschool, other lines see 1994 explosion. (Tyco Toys Inc.) (Focus '94)

Feb, 1994

WORD COUNT: 1916 LINE COUNT: 00143

SPECIAL FEATURES: illustration; photograph

COMPANY NAMES: Tyco Toys Inc.--Planning

INDUSTRY CODES/NAMES: RETL Retailing; SPRT Sports, Sporting Goods and Toys

DESCRIPTORS: Toy industry--Planning

PRODUCT/INDUSTRY NAMES: 3944200 (Toys)

SIC CODES: 3944 Games, toys, and children's vehicles; 3942 Dolls and stuffed toys

FILE SEGMENT: TI File 148

14/8/6 (Item 6 from file: 148)

DIALOG(R) File 148: (c) 2003 The Gale Group. All rts. reserv.

07201990 SUPPLIER NUMBER: 15201588 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Licensors look to score in '94. (toy licensing) (Licensing Scope)

Feb, 1994

WORD COUNT: 7122 LINE COUNT: 00559

SPECIAL FEATURES: illustration; photograph

INDUSTRY CODES/NAMES: RETL Retailing; SPRT Sports, Sporting Goods and Toys

DESCRIPTORS: Toy industry--Licenses; Licensed products--Forecasts

PRODUCT/INDUSTRY NAMES: 3944200 (Toys)

SIC CODES: 3944 Games, toys, and children's vehicles

FILE SEGMENT: TI File 148

14/8/7 (Item 7 from file: 621)

DIALOG(R) File 621: (c) 2003 The Gale Group. All rts. reserv.

01004187 Supplier Number: 39538097 (USE FORMAT 7 FOR FULLTEXT)
NEW OMNIBOT 2000 FROM TOMY OFFERS ADVANCED TECHNOLOGY ROBOT ENTERTAINMENT FOR THE HOME

June 2, 1985

Word Count: 544

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *Tomy

GEOGRAPHIC NAMES: *1U3IL (Illinois)

PRODUCT NAMES: 3569460 (Household Robots); 3944280 (Toys NEC)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 333999 (All Other Miscellaneous General Purpose Machinery Manufacturing); 339932 (Game, Toy, and Children's Vehicle Manufacturing)

TRADE NAMES: Omnibot 2000

?t14/3,k/2-5, 7

14/3,K/2 (Item 2 from file: 649)

DIALOG(R) File 649: Gale Group Newswire ASAP(TM)

(c) 2003 The Gale Group. All rts. reserv.

02143845 SUPPLIER NUMBER: 17949995 (USE FORMAT 7 or 9 FOR FULL TEXT)
KENNER PROMISES FUN AND EXCITEMENT WITH NEW TOYS IN 1996

PR Newswire, p208NYTH062

Feb 8, 1996

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2330 LINE COUNT: 00268

... terrifying evil -- Iron Klaw and the forces of SKAR (Soldiers of Kaos, Anarchy, and Ruin). **Led** by a charismatic and brilliant strategist, Lt. Stone, this elite force is ready to tackle...

...ever seen. In the flash of an instant, these wild beasts turn into battle-tested **robot** warriors ready to fight! Divided between the heroic Maximals and the evil Predacons, Beast Wars...

...and mystified fans young and old throughout the world in comics, television drama series, feature **films**, animated cartoons and, of course, toys. Kenner has been manufacturing Batman action figures and accessories ...Kids will fall in love with Chloe, Stu, Viv, and Squeaks the minute they lay **eyes** on them. What little girl doesn't love to comb her pet's hair? With...guessed it, a fully decorated Dollhouse. Dream it, make it, play it ... Pro-Doh Kits **cover** all the bases of creativity and fun! Additional compounds also available.

Approximate Retail Price Range...

...But the magic of Euclid's Revenge is not limited to the assembled shapes: vivid, **eye**-catching graphics adorn every surface and are uniquely designed to appeal to young people from...

...use. Young artists can create and re-create their own designs by drawing on the **screen** with the attached double-tipped magnetic pen. Kids can draw three ways with SpiroSketch: ...the special gears to make Spirograph designs; or by using the tracing stencils. The SpiroSketch **screen** can be erased simply by turning it over and shaking it. A travel-sized version...

PRODUCT/INDUSTRY NAMES: 3944200 (Toys)

14/3,K/3 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08238745 SUPPLIER NUMBER: 17477134 (USE FORMAT 7 OR 9 FOR FULL TEXT)

What's selling. (toys)

Playthings, v93, n10, p16(5)

Oct, 1995

ISSN: 0032-1567 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1976 LINE COUNT: 00158

... Floam, Smud, and the Floam Shaper.

Action figures sizzled with Batman Forever, Kenner's The **Mask**, and Power Ranger figures.

Pocahontas continued her reign, while Barbie maintained royal status, with Baywatch...

...big with Mattel's Polly Pockets, especially Animal Wonderland sets.

Some bigger dolls catching customers' **eyes** included Baby Tumbles (\$17.99) by Toy Biz, Water Babies Doll (\$8.49) by Playmates...

...to deposit. The fabled Indian maiden got off to a solid sales start when the **film** opened in June, but was staggering by Labor Day.

Further, there was only limited trade...

...Child's Chicago Map by Oh to Map the World! and Learning Curve's motorized **Robotix** construction set.

Other mentions went to Lego's Aquanauts and AquaSharks line; Koosh's Sky...

...99 to the Shark Scout at \$2.99.

In dolls, Mattel's Braided Beauty Pocahontas **led** from \$19.99 to \$24.99. Retailers also liked the new upscale Barbie series from...who said that Tyco's Casper figures were holding on strong at \$19.99.

Other **film**-promising toys? He noted Hasbro's Mortal Kombat action

figures from the New Line Cinemas' film . Horizon's Godzilla dinosaur toy, anticipating a flick that may come out in the fall...

...99; and Marvel action figures under \$5. Playmates' new Ninja Turtles Metal Mutant figures were **eye** -catchers at \$6.99 as well as the Metal Mutant Cycle at \$8.

PRODUCT/INDUSTRY NAMES: **3944200** (Toys)

14/3,K/4 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07201995 SUPPLIER NUMBER: 15201562 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mattel celebrates Barbie's 35th birthday with original re-issue. (Mattel Inc.) (Focus '94)
Playthings, v92, n2, p82(2)
Feb, 1994
ISSN: 0032-1567 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1243 LINE COUNT: 00093

... paint, and hairstyle.
Other new additions include Bedtime Barbie, with a soft fabric body and **eyes** that open and close when water is applied, and Camp Barbie, Ken, Teresa, Midge, and...

...creator of Home Alone I and II and Dennis the Menace, and 20th Century Fox **Films** are joining forces to introduce "Baby's Day Out." It stars 16-month old Baby...

...two dolls and movable features. The Pizzeria, Schoolhouse, Wedding Chapel, and Bay Window House each **lights** up in two areas with the press of a button. Each comes with four dolls...
...Key Force Warrior Tormentor is a souped-up race car manned by a missile-firing **robot** warrior.

Mighty Max, the line of compact-size cases, continues this year with new adventures...

PRODUCT/INDUSTRY NAMES: **3942012** (Fashion Dolls)

14/3,K/5 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

07201992 SUPPLIER NUMBER: 15201580 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tyco's Matchbox, preschool, other lines see 1994 explosion. (Tyco Toys Inc.) (Focus '94)
Playthings, v92, n2, p92(3)
Feb, 1994
ISSN: 0032-1567 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1916 LINE COUNT: 00143

... on the TV show and comic book series. The Cadillacs & Dinosaurs line includes eight figures, **led** by Jack "Cadillac" Tenrec, and small and large vehicle assortments including Jack Tenrec's Glider...

...a syndicated TV show comes the Double Dragon action figure line. Seven figures are included, **led** by Billy and Jimmy Lee, as well as the Double Dragon Cycle and Shadow Raven...

...recreate the action with the Double Dragon Dojo Playset and the Double Dragon Sword with **Mask** .

Matchbox adds lines

The company's Matchbox category adds several lines and sets. Special axles inset **eyes** with eyelashes and a locking jeweled saddle. A key

releases jewels, including clip-on earrings...

...And Magna Doodle will be available in a pocket-sized version with a high definition **screen** to produce a darker line.

The boys' action line adds Sumo Warriors, Gorzak, Air Blasters...

...Smithsonian Institution Dinosaur Assortment, and Power Plug video game accessory. Sumo Warriors are remote-controlled **robots** that can box and wrestle each other. Gorzak is a voice-activated monster that can...

...up, Tyco offers radio control in the R/C Bubble Power, a racer with flashing **lights** and lots of bubbles. In tanker truck or fire engine design, each Bubble Power vehicle...

...s Playtime line introduces a variety of products including Sorties electronics with soft-sided foam **covering**; Sprint licensed walkie-talkies and beepers; Hot Lixx electronics selection of a guitar, radio, headset...

PRODUCT/INDUSTRY NAMES: **3944200** (Toys)

14/3,K/7 (Item 7 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2003 The Gale Group. All rts. reserv.

01004187 Supplier Number: 39538097 (USE FORMAT 7 FOR FULLTEXT)

NEW OMNIBOT 2000 FROM TOMY OFFERS ADVANCED TECHNOLOGY ROBOT ENTERTAINMENT FOR THE HOME

PR Newswire, pN/A

June 2, 1985

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 544

NEW OMNIBOT 2000 FROM TOMY OFFERS ADVANCED TECHNOLOGY ROBOT ENTERTAINMENT FOR THE HOME

... ASSOCIATES

(213) 552-6922

McCORMICK WEST #5082

NEW OMNIBOT 2000 FROM TOMY OFFERS ADVANCED TECHNOLOGY ROBOT ENTERTAINMENT FOR THE HOME

CHICAGO, June 2, 1985 -- Tomy Corporation has taken the concept of a multi-function home **robot** out of the realm of science fiction and made it a reality with the introduction...

...new Omnibot 2000.

Developed to meet the growing consumer demand for entertaining and utilitarian household **robots**, the Omnibot 2000 is the most technologically advanced, yet affordable, **robot** available to the consumer today.

Designed primarily to provide at-home entertainment, the Omnibot 2000 is a fully programmable **robot** complete with an articulated arm, wrist, hand and head. Its bright orange spotlight "**eyes**" and ivory-colored body lend it a futuristic, yet amicable appearance. Controlled by a multi...

...full 360o left or right.

NEW OMNIBOT 2000 FROM TOMY OFFERS STATE-OF-THE-ART ROBOT ENTERTAINMENT FOR THE HOME

2 2-2-2-2

Its three-pronged hand will open...

...cassettes or serve as a memory storage system for the Omnibot 2000's movements, the **robot** offers a degree of programmability and mobility never before available for the home.

With the memory storage system, the **robot** can be run through any series of movements using the remote control and those movements...

...An Omnibot 2000 owner can accumulate a complete library of pre-recorded functions for the **robot** such as serving as a highly personalized alarm clock, retrieving objects, greeting guests at pre...

...the owner's creativity.
With the Omnibot 2000 detachable motorized serving tray, the home entertainment **robot** can lift bottles or cans and pour the contents into **glasses** arranged on the tray. The tray itself has a circular inset that keeps **glasses** in place and automatically revolves permitting up to four drinks to be served at a...

...ease of movement over most

NEW OMNIBOT 2000 FROM TOMY OFFERS STATE-OF-THE-ART **ROBOT**
ENTERTAINMENT FOR THE HOME
3-3-3-3-3

floor surfaces including thick carpeting. Complete with a built-in accessory panel, the **robot** can accomodate peripherals such as infrared and photo sensors, a **light** timer, external speakers, etc. Additionally, it contains a built-in cassette tape storage compartment permitting...

...Omnibot 2000 from Tomy is the latest entry in a complete series of multifunction entertainment **robots** from the company, adding an entirely new dimension of high-tech entertainment to the home.
Tomy Corporation, based in Carson, Calif., is a leading manufacturer and marketer of home entertainment **robots** and offers a full line of educational and entertaining toy products.
#

TOMY/a

PRODUCT NAMES: 3569460 (Household **Robots**); 3944280 (Toys NEC)

File 387:The Denver Post 1994-2003/Jan 08
(c) 2003 Denver Post
File 471:New York Times Fulltext 90-Day 2003/Jan 09
(c) 2003 The New York Times
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
(c) 2002 Phoenix Newspapers
File 494:St LouisPost-Dispatch 1988-2003/Jan 06
(c) 2003 St Louis Post-Dispatch
File 498:Detroit Free Press 1987-2003/Jan 08
(c) 2003 Detroit Free Press Inc.
File 631:Boston Globe 1980-2003/Jan 08
(c) 2003 Boston Globe
File 633:Phil.Inquirer 1983-2003/Jan 08
(c) 2003 Philadelphia Newspapers Inc
File 638:Newsday/New York Newsday 1987-2003/Jan 08
(c) 2003 Newsday Inc.
File 640:San Francisco Chronicle 1988-2003/Jan 08
(c) 2003 Chronicle Publ. Co.
File 641:Rocky Mountain News Jun 1989-2003/Jan 07
(c) 2003 Scripps Howard News
File 702:Miami Herald 1983-2002/Dec 24
(c) 2002 The Miami Herald Publishing Co.
File 703:USA Today 1989-2003/Jan 08
(c) 2003 USA Today
File 704:(Portland)The Oregonian 1989-2003/Jan 06
(c) 2003 The Oregonian
File 713:Atlanta J/Const. 1989-2003/Jan 09
(c) 2003 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2003/Jan 08
(c) 2003 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2003/Jan 09
(c) 2003 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2000/Dec 13
(c) 2000 The Plain Dealer
File 735:St. Petersburg Times 1989- 2000/Nov 01
(c) 2000 St. Petersburg Times
File 476:Financial Times Fulltext 1982-2003/Jan 09
(c) 2003 Financial Times Ltd
File 477:Irish Times 1999-2003/Jan 09
(c) 2003 Irish Times
File 710:Times/Sun.Times(London) Jun 1988-2003/Jan 07
(c) 2003 Times Newspapers
File 711:Independent(London) Sep 1988-2003/Jan 08
(c) 2003 Newspaper Publ. PLC
File 756:Daily/Sunday Telegraph 2000-2003/Jan 09
(c) 2003 Telegraph Group
File 757:Mirror Publications/Independent Newspapers 2000-2003/Jan 09
(c) 2003

Set	Items	Description
S1	0	PC=3942 OR PC=39442 OR PC=307852
S2	39572	ROBOT??
S3	0	S1 AND S2
S4	2134030	FACE OR FACES OR FACIAL
S5	1107456	EYE OR EYES
S6	500985	NOSE OR NOSES OR MOUTH OR MOUTHS
S7	3229058	SCREEN? ? OR SHIELD? ? OR COVER???? OR MASK? ? OR PLATE? ?
		OR FILM? ?
S8	127047	SUNGLASSES OR GLASSES
S9	3083764	LIGHT??? OR LED OR LUMIN? OR LUMEN?
S10	269033	TOY? ? OR DOLL OR DOLLS
S11	803	S2(S)S10
S12	4	S11(S)S5(S)S7:S8(S)S9
S13	4	RD (unique items)
S14	3	S13/2003 OR S13/2002 OR S13/2001 OR S13/2000
S15	1	S13 NOT S14
S16	4	S11 AND S5(S)S7:S8(S)S9

S17	0	S16 NOT S12
S18	5	S11 AND (S4 OR S6) (S) S7:S8(S) S9
<u>S19</u> <i>too sent</i>	1	S18 NOT S12

File 80:TGG Aerospace/Def.Mkts(R) 1986-2003/Jan 09
(c) 2003 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2003/Jan 03
(c) 2003 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2003/Jan 09
(c) 2003 The Gale Group
File 18:Gale Group F&S Index(R) 1988-2003/Jan 09
(c) 2003 The Gale Group
File 149:TGG Health&Wellness DB(SM) 1976-2003/Dec W4
(c) 2003 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2003/Jan 06
(c) 2003 The Gale group
File 75:TGG Management Contents(R) 86-2003/Dec W5
(c) 2003 The Gale Group
File 570:Gale Group MARS(R) 1984-2003/Jan 09
(c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jan 08
(c) 2003 The Gale Group
File 649:Gale Group Newswire ASAP(TM) 2003/Jan 02
(c) 2003 The Gale Group
File 16:Gale Group PROMT(R) 1990-2003/Jan 09
(c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Jan 08
(c)2003 The Gale Group

Set	Items	Description
S1	24289	PC=3942 OR PC=39442 OR PC=307852
S2	135934	ROBOT??
S3	653	S1 AND S2
S4	1559187	FACE OR FACES OR FACIAL
S5	928380	EYE OR EYES
S6	308217	NOSE OR NOSES OR MOUTH OR MOUTHS
S7	4977928	SCREEN? ? OR SHIELD? ? OR COVER???? OR MASK? ? OR PLATE? ?
		OR FILM? ?
S8	87701	SUNGLASSES OR GLASSES
S9	3225444	LIGHT??? OR LED OR LUMIN? OR LUMEN?
S10	0	S3 AND (S4 OR S6)(S)S7:S8(S)S9

File 9:Business & Industry(R) Jul/1994-2003/Jan 07
(c) 2003 Resp. DB Svcs.
File 95:TEME-Technology & Management 1989-2003/Dec W4
(c) 2003 FIZ TECHNIK
File 141:Readers Guide 1983-2002/Nov
(c) 2002 The HW Wilson Co
File 481:DELPHES Eur Bus 95-2003/Jan W1
(c) 2003 ACFCI & Chambre CommInd Paris
File 482:Newsweek 2000-2003/Jan 03
(c) 2003 Newsweek, Inc.
File 484:Periodical Abs Plustext 1986-2003/Jan W1
(c) 2003 ProQuest
File 635:Business Dateline(R) 1985-2003/Jan 09
(c) 2003 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2003/Jan 09
(c) 2003 The Gale Group
File 646:Consumer Reports 1982-2002/Dec
(c) 2002 Consumer Union
File 609:Bridge World Markets 2000-2001/Oct 01
(c) 2001 Bridge
File 610:Business Wire 1999-2003/Jan 09
(c) 2003 Business Wire.
File 613:PR Newswire 1999-2003/Jan 09
(c) 2003 PR Newswire Association Inc
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 20:Dialog Global Reporter 1997-2003/Jan 09
(c) 2003 The Dialog Corp.

Set	Items	Description
S1	2514	PC=3942 OR PC=39442 OR PC=307852
S2	90915	ROBOT??
S3	47	S1 AND S2
S4	2095090	FACE OR FACES OR FACIAL
S5	1045452	EYE OR EYES
S6	422206	NOSE OR NOSES OR MOUTH OR MOUTHS
S7	4693383	SCREEN? ? OR SHIELD? ? OR COVER???? OR MASK? ? OR PLATE? ? OR FILM? ?
S8	96538	SUNGLASSES OR GLASSES
S9	3827909	LIGHT??? OR LED OR LUMIN? OR LUMEN?
S10	298226	TOY OR TOYS OR DOLL OR DOLLS
S11	1197	S2(S)S10
S12	7	(S3 OR S11) AND S5(S)S7:S8(S)S9
S13	7	(S3 OR S11) AND (S4 OR S6)(S)S7:S8(S)S9
S14	5	S12/2003 OR S12/2002 OR S12/2001 OR S12/2000
S15	2	S12 NOT S14
S16	2	RD (unique items)
S17	4	S13 NOT S12
S18	4	RD (unique items)
S19	2	S18/2003 OR S18/2002 OR S18/2001 OR S18/2000
S20	0	S18NOT S19
S21	2	S18 NOT S19

16/8/1 (Item 1 from file: 635)

DIALOG(R)File 635:(c) 2003 ProQuest Info&Learning. All rts. reserv.

0239671 91-63560

Computer Display Firm Reaches New Dimensions

PUBL DATE: 910920

WORD COUNT: 834

DATELINE: Rochester, NY, US

COMPANY NAMES: Dimension Technologies Inc, Rochester, NY, US, SIC:3827;3577

CLASSIFICATION CODES: 8651 (Computer industry); 7500 (Product planning & development)

DESCRIPTORS: Computer industry; Product development; Government contracts; Middle Atlantic

16/8/2 (Item 1 from file: 20)

DIALOG(R)File 20:(c) 2003 The Dialog Corp. All rts. reserv.

06878773 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Do not adjust your life: Bhutan is a remote mountain kingdom which has shunned the world and its technological advances ETH its capital doesn't even have a single traffic light. Now the leaders of this Buddhist society have decreed that the people are 'su

August 25, 1999

WORD COUNT: 1938

DESCRIPTORS: Science & Technology; General News; Society & Social Affairs

COUNTRY NAMES/CODES: Bhutan (BT)

REGIONS: Asia; South Asia

SIC CODES/DESCRIPTIONS: 9111 (Executive Offices)

?t16/3,k/1

16/3,K/1 (Item 1 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

0239671 91-63560

Computer Display Firm Reaches New Dimensions

Johnston, Phil

Rochester Business Journal (Rochester, NY, US), V7 N22 s1 p3

PUBL DATE: 910920

WORD COUNT: 834

DATELINE: Rochester, NY, US

TEXT:

...panel. It alternates elements from each image on the display's 480 picture lines, while light sources behind the screen direct all "left eye " images to one focal point and all "right eye " images to another 2.6 inches away. This cuts the image resolution in half but...

...you can do color.'

"This opens up more markets. We're looking at applications like toys and games, molecular modeling, robotic vision, underwater vision and any other real-time vision system."

Roberts said the company plans...

21/8/1 (Item 1 from file: 484)
DIALOG(R)File 484:(c) 2003 ProQuest. All rts. reserv.

02977059 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Attack of the fall flicks

Sep 19, 1996

DESCRIPTORS: Motion pictures; Autumn

SPECIAL FEATURES: Photograph

21/8/2 (Item 1 from file: 20)
DIALOG(R)File 20:(c) 2003 The Dialog Corp. All rts. reserv.

08798752

1st Ed - SOON YOUR FRIDGE COULD BE SMARTER THAN YOU

SECTION TITLE: Information Technology

December 20, 1999

WORD COUNT: 939

COMPANY NAMES: Intel Corp; ICL PLC; Electrolux AB; Honeywell
International; Brother Industries Ltd; Cable & Wireless IDC Inc;
British Telecommunications PLC; Cisco Systems Inc; Microsoft Corp;
Philips Electronics NV

DESCRIPTORS: Regulation of Business; Company News; Joint Ventures;
Strategy

COUNTRY NAMES/CODES: Netherlands (NL) ; Japan (JP) ; United Kingdom (GB)
; United States of America (US)

REGIONS: Europe; European Union; Western Europe; Asia; Far East;
Pacific Rim; Americas; North America

PROVINCE/STATE: Massachusetts

SIC CODES/DESCRIPTIONS: 3710 (Motor Vehicles & Equipment); 3674
(Semiconductors & Related Devices); 2095 (Roasted Coffee); 3570 (Computer
& Office Equipment); 4813 (Telephone Communications Ex Radio); 5411
(Grocery Stores); 2000 (Food & Kindred Products); 3639 (Household
Appliances NEC); 5734 (Computer & Software Stores); 5735 (Record &
Prerecorded Tape Stores); 7372 (Prepackaged Software); 3711 (Motor
Vehicles & Car Bodies); 4812 (Radiotelephone Communications); 4812
(Radiotelephone Communications); 3944 (Games Toys & Children's Vehicles);
8732 (Commercial Nonphysical Research); 5510 (New & Used Car Dealers);
7375 (Information Retrieval Services)

NAICS CODES/DESCRIPTIONS: 3361 (Motor Vehicle Mfg); 334413 (Semiconductor
& Related Device Mfg); 31192 (Coffee & Tea Mfg); 334 (Computer &
Electronic Product Mfg); 51331 (Wired Telecommunications Carriers); 4451
(Grocery Stores); 311 (Food Mfg); 3352 (Household Appliance Mfg); 44312
(Computer & Software Stores); 45122 (Prerecorded Tape CD & Record Stores)
; 51121 (Software Publishers); 336111 (Automobile Mfg); 513322 (Cellular
& Other Wireless Telecommunications); 51332 (Wireless Telecom Carriers
exc Satellite); 339932 (Game Toy & Childrens Vehicle Mfg); 54191
(Marketing Research & Public Opinion Polling); 4411 (Automobile Dealers);
514191 (On-Line Information Services)

?t21/3,k/1

21/3,K/1 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2003 ProQuest. All rts. reserv.

02977059 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Attack of the fall flicks

Travers, Peter

Rolling Stone (GROL), n743, p87-90

Sep 19, 1996

ISSN: 0035-791X JOURNAL CODE: GROL

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2045 LENGTH: Long (31+ col inches)

TEXT:

... in Larger Than Life. And Arnold Schwarzenegger nearly gets himself terminated looking for a rare **robot toy** for his son in, jingle All the Way

You want sure things? The fall is...the group is Barbra Streisand, who directs, produces and stars in The Mirror Has Two **Faces**, a sobersided romance in which Streisand ripples with superficial notions of beauty, a subject on...

...of so many strong women this fall is a promising sign. Whether or not the **films** live up to their potential remains to be seen. You want great movies? Then you...

...the end of World War II, brings Michael Ondaatje's shattering 1992 novel to the **screen** with a top-notch cast **led** by Ralph Fiennes, Kristin Scott Thomas, Juliette Binoche, Willem Dafoe and Colin Firth

Word is...

File 727:Canadian Newspapers 1990-2003/Jan 09
(c) 2003 Southam Inc.
File 20:Dialog Global Reporter 1997-2003/Jan 09
(c) 2003 The Dialog Corp.
File 483:Newspaper Abs Daily 1986-2003/Jan 08
(c) 2003 ProQuest Info&Learning
File 725:(Cleveland)Plain Dealer Aug 1991-2000/Dec 13
(c) 2000 The Plain Dealer
File 148:Gale Group Trade & Industry DB 1976-2003/Jan 08
(c)2003 The Gale Group
File 781:ProQuest Newsstand 1998-2003/Jan 09
(c) 2003 ProQuest Info&Learning
File 995:NewsRoom 2000
(c) 2002 The Dialog Corporation
File 1:ERIC 1966-2002/Dec 13
(c) format only 2002 The Dialog Corporation
File 16:Gale Group PROMT(R) 1990-2003/Jan 09
(c) 2003 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2003/Jan 06
(c) 2003 The Gale group
File 88:Gale Group Business A.R.T.S. 1976-2003/Jan 03
(c) 2003 The Gale Group
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Jan 09
(c) 2003 The Gale Group
File 638:Newsday/New York Newsday 1987-2003/Jan 08
(c) 2003 Newsday Inc.
File 701:St Paul Pioneer Pr Apr 1988-2003/Jan 08
(c) 2003 St Paul Pioneer Press
File 702:Miami Herald 1983-2002/Dec 24
(c) 2002 The Miami Herald Publishing Co.
File 716:Daily News Of L.A. 1989-2003/Jan 08
(c) 2003 Daily News of Los Angeles
File 734:Dayton Daily News Oct 1990- 2003/Jan 08
(c) 2003 Dayton Daily News

Set	Items	Description
S1	34	TOY? ?(S)ROBOT? ?(S)LIGHT??? (5N)EYE? ?
S2	30	RD (unique items)
S3	14	S2/2003 OR S2/2002 OR S2/2001 OR S2/2000
S4	16	S2 NOT S3
S5	16	Sort S4/ALL/PD,D

5/8/1 (Item 1 from file: 725)
DIALOG(R)File 725:(c) 2000 The Plain Dealer. All rts. reserv.

10325009

TALKIN' TOYS

Sunday, November 21, 1999

Word Count: 1,812

5/8/2 (Item 2 from file: 716)
DIALOG(R)File 716:(c) 2003 Daily News of Los Angeles. All rts. reserv.

10260074

ROBOTS PAY VISIT TO SIMI SCHOOL; PUPILS SEE APPLICATIONS OF TECHNOLOGY

Friday, September 17, 1999

Word Count: 516

DESCRIPTORS: SIMI; SCHOOL; TECHNOLOGY; PROGRAM; ROBOT<

5/8/3 (Item 3 from file: 16)
DIALOG(R)File 16:(c) 2003 The Gale Group. All rts. reserv.

06424948 Supplier Number: 54943551 (USE FORMAT 7 FOR FULLTEXT)

Car sees with single-chip vision.

June 21, 1999

Word Count: 319

PUBLISHER NAME: Cahnners Publishing Company

EVENT NAMES: *331 (Product development)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *3674000 (Semiconductor Devices); 3569480 (Robotic Parts)

INDUSTRY NAMES: ARCH (Architecture and Design); BUSN (Any type of business); ELEC (Electronics)

NAICS CODES: 334413 (Semiconductor and Related Device Manufacturing);

333999 (All Other Miscellaneous General Purpose Machinery Manufacturing)

SPECIAL FEATURES: LOB

5/8/4 (Item 4 from file: 727)
DIALOG(R)File 727:(c) 2003 Southam Inc. All rts. reserv.

06197755 (USE FORMAT 7 FOR FULLTEXT)

This year's toy story: Interactive High-tech playthings hit stores in time for holiday season

November 22, 1997

Word Count: 1338

COMPANY NAMES (Dialog Generated): Canadian Toy ; Crayola Colour & Show Projector ; Dance Studio ; Hasbro/Playskool ; Little Star ; Mattel Canada Inc ; Microsoft ; Sing & Snore Ernie ; Talking Globe ; Tonka ; Toy Shop Toy

DESCRIPTORS: toy

5/8/5 (Item 5 from file: 727)
DIALOG(R)File 727:(c) 2003 Southam Inc. All rts. reserv.

05313615 (USE FORMAT 7 FOR FULLTEXT)

Scientists use brain waves to switch on appliances

May 19, 1996

Word Count: 368

COMPANY NAMES (Dialog Generated): Craig Reuter

5/8/6 (Item 6 from file: 727)
DIALOG(R)File 727:(c) 2003 Southam Inc. All rts. reserv.

04891360 (USE FORMAT 7 FOR FULLTEXT)
Profs find 'mind switch' - and the light goes on
May 18, 1996
Word Count: 327

COMPANY NAMES (Dialog Generated): Craig ; Sydney 's University of
Technology

5/8/7 (Item 7 from file: 727)
DIALOG(R)File 727:(c) 2003 Southam Inc. All rts. reserv.

05370355 (USE FORMAT 7 FOR FULLTEXT)
Brain wave is bright idea
May 17, 1996
Word Count: 376

COMPANY NAMES (Dialog Generated): Craig Sydney 's University of
Technology

5/8/8 (Item 8 from file: 727)
DIALOG(R)File 727:(c) 2003 Southam Inc. All rts. reserv.

05339015 (USE FORMAT 7 FOR FULLTEXT)
Brain waves can light bulb
May 17, 1996
Word Count: 308

COMPANY NAMES (Dialog Generated): Craig Sydney 's University of
Technology

5/8/9 (Item 9 from file: 727)
DIALOG(R)File 727:(c) 2003 Southam Inc. All rts. reserv.

05271977 (USE FORMAT 7 FOR FULLTEXT)
Australian scientists' bright idea is brain wave
May 17, 1996
Word Count: 201

COMPANY NAMES (Dialog Generated): Sydney 's University of Technology

5/8/10 (Item 10 from file: 727)
DIALOG(R)File 727:(c) 2003 Southam Inc. All rts. reserv.

05220689 (USE FORMAT 7 FOR FULLTEXT)
Brain waves turn on lights
May 17, 1996
Word Count: 226

COMPANY NAMES (Dialog Generated): Craig Sydney 's University of
Technology
DESCRIPTORS: AUSTRALIA

5/8/11 (Item 11 from file: 727)
DIALOG(R)File 727:(c) 2003 Southam Inc. All rts. reserv.

04890419 (USE FORMAT 7 FOR FULLTEXT)
All in your mind, Australian scientists say as 'switch' turns on light
May 17, 1996
Word Count: 385

COMPANY NAMES (Dialog Generated): Craig ; Sydney 's University of
Technology

5/8/12 (Item 12 from file: 727)
DIALOG(R) File 727:(c) 2003 Southam Inc. All rts. reserv.

03472744 (USE FORMAT 7 FOR FULLTEXT)

World's smallest robot

December 22, 1994

Word Count: 48

SPECIAL FEATURES: Photo

5/8/13 (Item 13 from file: 148)
DIALOG(R) File 148:(c)2003 The Gale Group. All rts. reserv.

07311126 SUPPLIER NUMBER: 15516918 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Day Lights, Night Lights; Morning Sounds, Evening Sounds. (book reviews)

June 27, 1994

WORD COUNT: 178 LINE COUNT: 00013

INDUSTRY CODES/NAMES: PUBL Publishing

DESCRIPTORS: Books--Reviews

REVIEWEE: Schoberle, Cecile; Stevenson, Harvey

FILE SEGMENT: MI File 47

5/8/14 (Item 14 from file: 734)
DIALOG(R) File 734:(c) 2003 Dayton Daily News. All rts. reserv.

07046006

**NICE PLAY DOLLS, DINOSAURS AND THINGS THAT TALK BACK STAR AT THIS YEAR'S
TOY FAIR**

MONDAY, February 15, 1993

Word Count: 1,025

5/8/15 (Item 15 from file: 725)
DIALOG(R) File 725:(c) 2000 The Plain Dealer. All rts. reserv.

06827120

ACTION FIGURES APPEAL TO BUDGET-MINDED PARENTS

Sunday, November 22, 1992

Word Count: 306

5/8/16 (Item 16 from file: 702)
DIALOG(R) File 702:(c) 2002 The Miami Herald Publishing Co. All rts. reserv.

04639236

CHRISTMAS BRINGS HOPE OF NEW LIFE

SUN NOV 20 1988

Word Count: 300

?t5/3,k/4-15

5/3,K/4 (Item 4 from file: 727)
DIALOG(R) File 727:Canadian Newspapers
(c) 2003 Southam Inc. All rts. reserv.

06197755 (USE FORMAT 7 FOR FULLTEXT)

**This year's toy story: Interactive High-tech playthings hit stores in time
for holiday season**

By Robin Harvey Toronto Star

Toronto Star, P L9

November 22, 1997

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: LIFE

Word Count: 1338

...show, is available for about \$30.

And Microsoft has made its first foray into the **toy** world with its ActiMates Interactive Barney (about \$159). The big purple dinosaur is now a 40-centimetre, interactive **robot** that plays peek-a-boo when you cover the **light** sensors in his **eyes**, sings songs and plays games, with a 2,000-word vocabulary.

Combined with his TV...

5/3,K/5 (Item 5 from file: 727)

DIALOG(R)File 727:Canadian Newspapers

(c) 2003 Southam Inc. All rts. reserv.

05313615 (USE FORMAT 7 FOR FULLTEXT)

Scientists use brain waves to switch on appliances

Halifax Daily News, Daily ED, P 31

May 19, 1996

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: Science

Word Count: 368

...to 3.5, turning on a desk lamp across the room.

As he opened his **eyes**, the voltage dropped and the **light** switched off. In this way Kirkup also turned on and off a **toy robot** and controlled the speed of a **toy** car.

Craig said the group of scientists, which also includes Paul McIsaac, based their work...

5/3,K/6 (Item 6 from file: 727)

DIALOG(R)File 727:Canadian Newspapers

(c) 2003 Southam Inc. All rts. reserv.

04891360 (USE FORMAT 7 FOR FULLTEXT)

Profs find 'mind switch' - and the light goes on

Vancouver Sun, FINAL ED, P A11

May 18, 1996

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: NEWS

Word Count: 327

...to 3.5, turning on a desk lamp across the room.

As he opened his **eyes**, the voltage dropped and the **light** switched off. In this way Kirkup also turned on and off a **toy robot** and controlled the speed of a **toy** car.

Craig said the group of scientists based their work on the fact that the...

5/3,K/7 (Item 7 from file: 727)

DIALOG(R)File 727:Canadian Newspapers

(c) 2003 Southam Inc. All rts. reserv.

05370355 (USE FORMAT 7 FOR FULLTEXT)

Brain wave is bright idea

Kitchener-Waterloo Record, Final ED, P F4

May 17, 1996

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: Lifestyles

Word Count: 376

...to 3.5, turning on a desk lamp across the room.

As he opened his **eyes** , the voltage dropped and the **light** switched off. In this way Kirkup also turned on and off a **toy robot** and controlled the speed of a **toy car**.

Craig said the group of scientists based their work on the fact that the...

5/3,K/8 (Item 8 from file: 727)

DIALOG(R) File 727:Canadian Newspapers

(c) 2003 Southam Inc. All rts. reserv.

05339015 (USE FORMAT 7 FOR FULLTEXT)

Brain waves can light bulb

Michael Perry

Kingston Whig-Standard, Final ED, P 8

May 17, 1996

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: News

Word Count: 308

...to 3.5, turning on a desk lamp across the room.

As he opened his **eyes** , the voltage dropped and the **light** switched off. In this way Kirkup also turned on and off a **toy robot** and controlled the speed of a **toy car**.

Craig said the group of scientists, which also includes Paul McIsaac, based their work...

5/3,K/9 (Item 9 from file: 727)

DIALOG(R) File 727:Canadian Newspapers

(c) 2003 Southam Inc. All rts. reserv.

05271977 (USE FORMAT 7 FOR FULLTEXT)

Australian scientists' bright idea is brain wave

Hamilton Spectator, Final ED, P C5The Looking Glass

May 17, 1996

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: Local

Word Count: 201

...from 0.9

to 3.5, turning on a desk lamp.

As he opened his **eyes** , the voltage dropped and the **light** switched off. In this way Dr. Kirkup also turned on and off a **toy robot** and controlled the speed of a **toy car**.

They said the mind switch technology could also be used to develop fatigue warnings...

5/3,K/10 (Item 10 from file: 727)

DIALOG(R) File 727:Canadian Newspapers

(c) 2003 Southam Inc. All rts. reserv.

05220689 (USE FORMAT 7 FOR FULLTEXT)

Brain waves turn on lights

Edmonton Journal, Early ED, P B9

May 17, 1996

DOCUMENT TYPE: STORY; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT SECTION HEADING: World

Word Count: 226

...to 3.5, turning on a desk lamp across the room.

As he opened his **eyes**, the voltage dropped and the **light** switched off. In this way Kirkup also turned on and off a **toy robot** and controlled the speed of a **toy** car.

Craig said the group of scientists, which also includes Paul McIsaac, based their work...

5/3,K/11 (Item 11 from file: 727)

DIALOG(R)File 727:Canadian Newspapers

(c) 2003 Southam Inc. All rts. reserv.

04890419 (USE FORMAT 7 FOR FULLTEXT)

All in your mind, Australian scientists say as 'switch' turns on light

Vancouver Sun, FINAL ED, P A12

May 17, 1996

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: NEWS

Word Count: 385

...to 3.5, turning on a desk lamp across the room.

As he opened his **eyes**, the voltage dropped and the **light** switched off. In this way Kirkup also turned on and off a **toy robot** and controlled the speed of a **toy** car..

Craig said the group of scientists, which also includes Paul McIsaac, based their work...

5/3,K/12 (Item 12 from file: 727)

DIALOG(R)File 727:Canadian Newspapers

(c) 2003 Southam Inc. All rts. reserv.

03472744 (USE FORMAT 7 FOR FULLTEXT)

World's smallest robot

Financial Post, Daily ED, P 9

December 22, 1994

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: News

Word Count: 48

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Nino' the micro- **robot** made its debut in Tokyo yesterday.

Produced by Seiko Epson Corp., the tiny **robot** - which uses its **eyes** to move toward **light** sources - weighs only 3.7 grams and measures just 0.5 cubic centimetres. The company plans to sell it as a **toy** for 50,000 yen (\$700).

5/3,K/13 (Item 13 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

07311126 SUPPLIER NUMBER: 15516918 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Day Lights, Night Lights; Morning Sounds, Evening Sounds. (book reviews)

Publishers Weekly, v241, n26, p76(1)

June 27, 1994

DOCUMENT TYPE: Review

ISSN: 0000-0019

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 178 LINE COUNT: 00013

... school, and so on through her day, until the twinkling stars shine and "my sleepy **eyes** close." (The **light** emanating from a **toy robot** 's flashing eyes is a particularly engaging choice.) In the second book, an African American...

5/3,K/14 (Item 14 from file: 734)

DIALOG(R)File 734:Dayton Daily News

(c) 2003 Dayton Daily News. All rts. reserv.

07046006

NICE PLAY DOLLS, DINOSAURS AND THINGS THAT TALK BACK STAR AT THIS YEAR'S TOY FAIR

Dayton Daily News (DA) - MONDAY, February 15, 1993

By: Meredith Moss DAYTON DAILY NEWS

Edition: CITY Section: LIFESTYLE Page: 3B

Word Count: 1,025

...are the wave of the future."

Examples range from simple to complex:

* Pinball Warrior (from **Toy Biz**) is the first home-size pinball machine that talks to the player and fights back. Megatron, a talking **robot** with an attitude, hovers over the board slamming his fist and hurling insults like, "Your reflexes are subhuman" at his opponent. His **eyes light** up and he carries a machine gun with a glowing tip.

* Transformers are popular again...

5/3,K/15 (Item 15 from file: 725)

DIALOG(R)File 725:(Cleveland)Plain Dealer

(c) 2000 The Plain Dealer. All rts. reserv.

06827120

ACTION FIGURES APPEAL TO BUDGET-MINDED PARENTS

Plain Dealer (Cleveland) (PD) - Sunday, November 22, 1992

By: JANET BEIGHLE FRENCH

Edition: FINAL / ALL Section: HOLIDAY SHOPPING GUIDE Page: 4H

Word Count: 306

...Ten figures with real names, numbers; in realistic poses. (Kenner, \$70.)

B.O.T.S. **Robots** (for brains, originality, talent and strength). Ninja BOT shouts, uses shooting star and karate chop, kick and spin. Cannon-headed Combat-BOT has **light** -up **eyes** and "a complete arsenal." Sports-BOT launches football, baseball and basketball; spouts stadium sounds. Eliminator-BOT launches missiles and Stealth jet. (**Toy Biz**, \$17 to \$20 each.)

2-XL. Talking stationary robot tells stories, helps a child...

File 350:Derwent WPIX 1963-2002/UD,UM &UP=200301
(c) 2003 Thomson Derwent
File 347:JAPIO Oct 1976-2002/Sep(Updated 030102)
(c) 2003 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	0	PC=3942 OR PC=39442 OR PC=307852
S2	91830	ROBOT??
S3	0	S1 AND S2
S4	895827	FACE OR FACES OR FACIAL
S5	73287	EYE OR EYES
S6	86605	NOSE OR NOSES OR MOUTH OR MOUTHS
S7	3861208	SCREEN? ? OR SHIELD? ? OR COVER???? OR MASK? ? OR PLATE? ? OR FILM? ?
S8	13918	SUNGLASSES OR GLASSES
S9	1464679	LIGHT??? OR LED OR LUMIN? OR LUMEN?
S10	27272	TOY OR TOYS OR DOLL OR DOLLS
S11	433	IC=G06N-003/00
S12	912	(S2 AND S10) OR S11
S13	0	S12 AND S4:S6 AND S7:S8 AND S9
S14	45545	S4:S6 AND S7:S8 AND S9
S15	129	S2 AND S14
S16	1027	IC='G06N'
S17	0	S15 AND S16
S18	9	S16 AND S10
S19	52	S2 AND S11
S20	2	S5 AND S19
S21	1	S20 NOT S18
S22	134107	S7:S8(5N)S9
S23	30	S15 AND S22
S24	30	S23 NOT (S18 OR S20)

18/26,TI/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014540234

WPI Acc No: 2002-360937/200239

Toy driving system used in cyber game space, includes game server which outputs game level of game program based on received game progress information, intelligence information of toys

18/26,TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014495211

WPI Acc No: 2002-315914/200235

Programming synthetic creature by creating story with scene containing sentences with verbs for different actions

18/26,TI/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014435351

WPI Acc No: 2002-256054/200230

Information processing device and program for toy robot using inheritance data

18/26,TI/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014295080

WPI Acc No: 2002-115783/200216

Interactive artificial intelligence in which behavior of a device can be modified according to experiences of the device using generated emotion parameters

18/26,TI/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013843459

WPI Acc No: 2001-327672/200134

Toy robot device comprises light-emitting elements looking like eyes which are turned on-off according to output of external sensor

18/26,TI/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013834623

WPI Acc No: 2001-318835/200134

Interactive artificial intelligence for use in toys , games and communication devices which has its behavior modified according to experiences of the device

18/26,TI/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013834622

WPI Acc No: 2001-318834/200134

Interactive artificial intelligence which can be autonomously adjusted to behavior according to experiences of the device in robots, toys or games

18/26,TI/8 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013540693

WPI Acc No: 2001-024899/200103

Toy robot device

18/26,TI/9 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

07318303

TOY DRIVE UNIT USING GAME PROGRAM AND ITS METHOD

?t18/7/2-5,8

18/7/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014495211 **Image available**

WPI Acc No: 2002-315914/200235

Programming synthetic creature by creating story with scene containing sentences with verbs for different actions

Patent Assignee: KENT RIDGE DIGITAL LABS (KENT-N)

Inventor: ANNAPOORNA N P; SITIRAM R

Number of Countries: 006 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200229715	A1	20020411	WO 2000SG166	A	20001003	200235 B

Priority Applications (No Type Date): WO 2000SG166 A 20001003

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200229715	A1	E	42	G06N-003/00	

Designated States (National): CN GB IN JP SG US

Abstract (Basic): WO 200229715 A1

NOVELTY - Method consists in creating a story with a scene and script, with actions determined by a sentence speech, speech intonation, facial expression, gesture, gaze or motion verb. Each sentence includes preposition phrases and the program is XML implemented. The story is written in a user-selected language and after completion the program is parsed.

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for (1) a GUI, (2) a computer markup language for programming a synthetic creature, (3) a synthetic creature program.

USE - Method is for programming the behavior of graphical characters, interactive **toys** and robots.

ADVANTAGE - Method is a simple language for e.g. children.

DESCRIPTION OF DRAWING(S) - The figure shows the software architecture for the method.

pp; 42 DwgNo 1/2

Derwent Class: T01

International Patent Class (Main): **G06N-003/00**

International Patent Class (Additional): G06F-009/44

18/7/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014435351 **Image available**
WPI Acc No: 2002-256054/200230

Information processing device and program for toy robot using inheritance data

Patent Assignee: SONY CORP (SONY)
Inventor: FUJITA M; INOUE M; INOUE N; MURAMATSU K; NOMA H; TAKEDA M
Number of Countries: 030 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200159703	A1	20010816	WO 2001JP948	A	20010209	200230 B
EP 1182610	A1	20020227	EP 2001904373	A	20010209	200230
			WO 2001JP948	A	20010209	
JP 2001222518	A	20010817	JP 200038096	A	20000209	200230
JP 2001222520	A	20010817	JP 200038256	A	20000210	200230
KR 2001111503	A	20011219	KR 2001712814	A	20011008	200238

Priority Applications (No Type Date): JP 200038256 A 20000210; JP 200038096 A 20000209

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200159703	A1	J	77	G06N-003/12	
				Designated States (National):	CN KR US
				Designated States (Regional):	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
EP 1182610	A1	E		G06N-003/12	Based on patent WO 200159703
				Designated States (Regional):	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR
JP 2001222518	A		18	G06F-015/18	
JP 2001222520	A		21	G06F-017/00	
KR 2001111503	A			G06F-019/00	

Abstract (Basic): WO 200159703 A1

NOVELTY - An information processing device and method, and a program, wherein first, second inheritance data is created from first inheritance data prescribing the shape and/or behavior of a virtual organism; second, the gene data on the virtual organism is diagnosed.

USE - Information processing device and program for toy robot using inheritance data

pp; 77 DwgNo 1/29

Derwent Class: T01; W04

International Patent Class (Main): G06F-015/18; G06F-017/00; G06F-019/00;

G06N-003/12

International Patent Class (Additional): A63H-011/00; B25J-005/00

18/7/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014295080 **Image available**
WPI Acc No: 2002-115783/200216

Interactive artificial intelligence in which behavior of a device can be modified according to experiences of the device using generated emotion parameters

Patent Assignee: YAMAHA HATSUDOKI KK (YMHA); YAMAHA MOTOR CO LTD (YMHA)
Inventor: SADAKUNI N

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1083489	A2	20010314	EP 2000119785	A	20000911	200216 B
JP 2001160131	A	20010612	JP 2000274751	A	20000911	200216

Priority Applications (No Type Date): US 99393247 A 19990910

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1083489 A2 E 20 G06F-015/18

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

JP 2001160131 A 14 G06N-003/00

Abstract (Basic): EP 1083489 A2

NOVELTY - Signals from a sensing unit (1) are analyzed by a recognition unit (2) to generate information including characterization and identification of an event, which is input to a working memory (5), while a generating unit (4) generates concern parameters in response to the information. A generating unit (3) generates emotion parameters according to the concern parameters retrieved from a long-term memory (6) and a behavior planning unit (7) decides on a pattern of behavior to control an actuating unit (8).

USE - Adjusting behavior of a **toy**, game, communication device etc. according to its experiences.

ADVANTAGE - Autonomously modifying behavior or performance.

DESCRIPTION OF DRAWING(S) - The drawing is a diagram of the system

Sensing unit (1)

Recognition unit (2)

Behavior planning unit (7)

Working and long-term memories (5,6)

Emotion generating unit (3)

Actuating unit (8)

pp; 20 DwgNo 1/9

Derwent Class: P62; T01; W04

International Patent Class (Main): G06F-015/18; **G06N-003/00**

International Patent Class (Additional): B25J-013/00

18/7/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013843459 **Image available**

WPI Acc No: 2001-327672/200134

Toy **robot device comprises light-emitting elements looking like eyes which are turned on-off according to output of external sensor**

Patent Assignee: SONY CORP (SONY)

Inventor: INOUE M; YAMAGISHI T

Number of Countries: 008 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200068879	A1	20001116	WO 2000JP2990	A	20000510	200134 B
JP 2001025984	A	20010130	JP 2000135146	A	20000508	200134
EP 1120740	A1	20010801	EP 2000925597	A	20000510	200144
			WO 2000JP2990	A	20000510	

Priority Applications (No Type Date): JP 99129279 A 19990510

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200068879 A1 J 32 G06N-003/00

Designated States (National): CN KR SG US

Designated States (Regional): DE FR GB

JP 2001025984 A 11 B25J-005/00

EP 1120740 A1 E G06N-003/00 Based on patent WO 200068879

Designated States (Regional): DE FR GB

Abstract (Basic): WO 200068879 A1

NOVELTY - A robot device has light-emitting elements looking like eyes which are turned on/off for expression of its emotion according to the output of an external sensor. The user can recognize the emotion of the robot device based on the light emission state of the light-emitting elements, which enhances the attachment and curiosity of the user to the robot device.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a

control method for the **toy** robot device and a recording medium.

USE - As **toy** robot device.

ADVANTAGE - Entertainment afforded by the robot device is further improved.

DESCRIPTION OF DRAWING(S) - The figure shows a side view of the **toy** robot device.

pp; 32 DwgNo 4/9

Derwent Class: T01; T06; W04

International Patent Class (Main): B25J-005/00; **G06N-003/00**

International Patent Class (Additional): A63H-011/00; B25J-009/22;

B25J-013/00; B25J-013/08; G05B-013/02

18/7/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013540693 **Image available**

WPI Acc No: 2001-024899/200103

Toy robot device

Patent Assignee: SONY CORP (SONY)

Inventor: INOUE M; KATO E

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200068880	A1	20001116	WO 2000JP2991	A	20000510	200103 B
US 6458011	B1	20021001	WO 2000JP2991	A	20000510	200268
			US 2001743245	A	20010306	

Priority Applications (No Type Date): JP 99129279 A 19990510

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200068880	A1	J	218	G06N-003/00	
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Designated States (National): JP US

US 6458011	B1	A63H-011/20	Based on patent WO 200068880
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Abstract (Basic): WO 200068880 A1

NOVELTY - A four-legged walking robot device having a boxy and legs respectively connected to the front left and right portions and rear left and right portions thereof. The movement of the robot device saves troublesome work of the user, and the attachment and curiosity of the user to the robot device are enhanced.

USE - **Toy** robot device.

pp; 218 DwgNo 6/178

Derwent Class: P36; T01; W04

International Patent Class (Main): A63H-011/20; **G06N-003/00**

21/7/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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06798502 **Image available**
ROBOT DEVICE, ITS CONTROL METHOD AND RECORDING MEDIUM

PUB. NO.: 2001-025984 [JP 2001025984 A]
PUBLISHED: January 30, 2001 (20010130)
INVENTOR(s): INOUE MAKOTO
YAMAGISHI KEN
APPLICANT(s): SONY CORP
APPL. NO.: 2000-135146 [JP 2000135146]
FILED: May 08, 2000 (20000508)
PRIORITY: 11-129279 [JP 99129279], JP (Japan), May 10, 1999 (19990510)

ABSTRACT

PROBLEM TO BE SOLVED: To easily recognize the emotion of a **robot** device by providing a light emitting means functioning as the apparent **eyes**, an external sensor for detecting the external state and/or an external input, and a control means for flashing the light emitting means so as to express the emotion on the basis of the output of the external sensor.

SOLUTION: A CCD camera 15 functioning as the substantial ' **eyes** ' of a pet **robot** and an LED 19 functioning as the apparent ' **eyes** ' are arranged in prescribed positions of a head unit 4. The LED 19 is formed of red LED 19R1, 19R2 emitting red light and green LED 19G1, 19G2 emitting green light. In the pet **robot**, the emotion is expressed by lighting the LED 19. According to this, the emotion of this **robot** device can be easily recognized by a user on the basis of the emitting state of the light emitting means.

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24/26, TI/1 (Item 1 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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014589546

WPI Acc No: 2002-410250/200244

Human finger operation analysis system in medical field, calculates three dimensional position of finger by processing signal from camera

24/26, TI/2 (Item 2 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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014320469

WPI Acc No: 2002-141171/200219

Monitoring system for transport device for flat components, especially for silicon wafer-discs for the manufacture of integrated circuits, solar cells etc. in clean rooms, uses light source

24/26, TI/3 (Item 3 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012991995

WPI Acc No: 2000-163847/200015

Wind shield for on-site automatic welding robot - has strip-shaped fire resistant shading curtain suspended horizontally from top frame

24/26, TI/4 (Item 4 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

011307989

WPI Acc No: 1997-285894/199726

Method of load and position measurement - takes load like carton box loaded into palette, relates to automation of load

24/26, TI/5 (Item 5 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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010301081

WPI Acc No: 1995-202341/199527

Helmet with visual display directed onto partially reflecting visor - has mirror to direct light from emitting screen and corrective lens in focal plane of visor whose focus lies close to nose of user

24/26, TI/6 (Item 6 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009870342

WPI Acc No: 1994-150238/199418

Mineral vein identification system - includes video camera to identify light returned from mining face on pixel-by-pixel basis, with light screened by narrow-band filters

24/26, TI/7 (Item 7 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009659082

WPI Acc No: 1993-352633/199345

Homogeneous illumination of transparencies in optical image projector -
merging cones of light from closely-spaced array of lamps or optical
fibres onto slide or liquid crystal shutter.

24/26, TI/8 (Item 8 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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009558725

WPI Acc No: 1993-252272/199332

Composite structure for use in micro-robot - obtd. by flexing or
bending material to form 3 dimensional body where faces have high
Youngs modulus and ridges are of low Youngs modulus material e.g.
polyimide

24/26, TI/9 (Item 9 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

008135576

WPI Acc No: 1990-022577/199003

Multi-purpose futuristic building - has robot appearance with animated
parts having visual displays on outside and shopping and exhibition areas
inside

24/26, TI/10 (Item 10 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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007580699

WPI Acc No: 1988-214631/198831

Multi-function robot building - has working head, thorax and arms with
luminous signs and giant projection screens

24/26, TI/11 (Item 1 from file: 347)

DIALOG(R) File 347: JAPIO

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06340927

METHOD FOR GUIDING MICRO-ROBOT, DEVICE THEREFOR, MEASURING INSTRUMENT AND
MERCHANDISE CARRYING DEVICE

24/26, TI/12 (Item 2 from file: 347)

DIALOG(R) File 347: JAPIO

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05903481

SHEATH FOR FILM UNIT

24/26, TI/13 (Item 3 from file: 347)

DIALOG(R) File 347: JAPIO

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05781890

CARRIER WITH MIRROR AND SUBSTRATE DETECTING DEVICE

24/26, TI/14 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO
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05654599
GLOBE BOX

24/26, TI/15 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05371975
FIBER-OPTIC TACTILE SENSOR

24/26, TI/16 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05160700
COMPONENT MOUNTING APPARATUS

24/26, TI/17 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
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04916316
LASER SENSOR DEVICE

24/26, TI/18 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
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04891096
NOZZLE FOR DETECTING BOTH REFLECTION AND TRANSMISSION LIGHT

24/26, TI/19 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
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04881939
IMAGE-PROCESSING APPARATUS

24/26, TI/20 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04688773
WELDING ROBOT AND ITS TRACKING SENSOR

24/26, TI/21 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04085486
ELECTRONIC PARTS HOLDING DEVICE

24/26, TI/22 (Item 12 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03879240
FACILITY MOVING METHOD

24/26, TI/23 (Item 13 from file: 347)
DIALOG(R) File 347: JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03839003
TACTILE SENSOR

24/26, TI/24 (Item 14 from file: 347)
DIALOG(R) File 347: JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03662099
ILLUMINATOR FOR SURFACE MOUNTER

24/26, TI/25 (Item 15 from file: 347)
DIALOG(R) File 347: JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03546210
METHOD AND DEVICE FOR DETECTING PHASE

24/26, TI/26 (Item 16 from file: 347)
DIALOG(R) File 347: JAPIO
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03496354
WAFER TRANSFER DEVICE TO PLASMA TREATMENT PORT

24/26, TI/27 (Item 17 from file: 347)
DIALOG(R) File 347: JAPIO
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02894211
OPTICAL DEVICE AND ITS MANUFACTURE

24/26, TI/28 (Item 18 from file: 347)
DIALOG(R) File 347: JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

01750420
OPTICAL TYPE ENCODER

24/26, TI/29 (Item 19 from file: 347)
DIALOG(R) File 347: JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

01716931
COMPOSITE TACTILE SENSOR

24/26, TI/30 (Item 20 from file: 347)
DIALOG(R) File 347: JAPIO
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00979811
AUTOMATIC POSITIONING AND ADHERING DEVICE
24/7/3, 10, 27

24/7/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012991995 **Image available**

WPI Acc No: 2000-163847/200015

Wind shield for on-site automatic welding robot - has strip-shaped
fire resistant shading curtain suspended horizontally from top frame

Patent Assignee: MAEDA KENSETSU KOGYO KK (MAED-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11342475	A	19991214	JP 98149951	A	19980529	200015 B

Priority Applications (No Type Date): JP 98149951 A 19980529

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11342475	A		6	B23K-009/32	

Abstract (Basic): JP 11342475 A

NOVELTY - Top and bottom frames (11,12) are fixed to steel frames (31,32) by magnets (14). Strip-shaped fire resistant shading curtains (13a,13b) are suspended from top frame such that their lower portion is covered by bottom frame. The welding portion of steel frame receives the welding torch of on-site automatic welding robot .

USE - Used for protection while on-site welding during building construction.

ADVANTAGE - Improves operation efficiency of wind shield protects operation eyes from welding light .

DESCRIPTION OF DRAWING(S) - The figure shows usage situation of wind shield apparatus and automatic welding robot elevation. (11,12) Top and bottom frames; (13a,13b) Strip-shaped fire resistant shading curtains; (14) Magnet; (31,32) Steel frames.

Dwg.3/3

Derwent Class: M23; P55

International Patent Class (Main): B23K-009/32

24/7/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

007580699

WPI Acc No: 1988-214631/198831

Multi-function robot building - has working head, thorax and arms with
luminous signs and giant projection screens

Patent Assignee: PONTHEIU J P (PONT-I)

Inventor: PONTHEIU J P; PONTHEIU J P

Number of Countries: 013 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2608197	A	19880617	FR 86617361	A	19861211	198831 B
EP 280825	A	19880907	EP 87402826	A	19871211	198836
EP 280825	B1	19920909	EP 87402826	A	19871211	199237
DE 3781675	G	19921015	DE 3781675	A	19871211	199243
			EP 87402826	A	19871211	

Priority Applications (No Type Date): FR 8617361 A 19861211; FR 86617361 A 19861211

Cited Patents: No-Citns.

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2608197	A		28		
EP 280825	A	F			

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

EP 280825 B1 F 25 E04H-001/00

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE
DE 3781675 G E04H-001/00 Based on patent EP 280825

Abstract (Basic): FR 2608197 A

The multi-function **robot** building has two articulated motor-driven arms (4), a pivoting and tilting head (1), a pivoting thorax (2) and **luminous** signs on the arms, ears, hands, hips, feet, base, head and thorax. Audio-visual sections are also provided on the arms, ears, hands etc. and there are giant projection **screens** on the head and thorax, and whose programmes are synchronised.

The head also has an animated **face**, and a shopping arcade and exhibition hall are provided in the basement (5). An enclosing area contains a audio-visual display system and in the sub-basement is a giant amphitheatre with hydraulically-operated stage.

USE - Forms futuristic exhibition and advertising system.

1

Abstract (Equivalent): EP 280825 B

Multiple-function static **robot** characterised in that it has a combination of (1) motor-driven articulated arms; (2) a pivoting, inclinable head; (3) a pivoting thorax; (4) neon signs on its arms, ears, hands, hips, feet, base, head and thorax; (5) audio-visual sections on its arms, ears, hands, hips, feet and base; (6) giant overhead projection **screens** and synchronised programmes on its head and thorax; (7) an animated **face** stylized by means of computer-generated images in the **robot**'s head; (8) a sales area in the base; (9) a lower ground floor laid out as a shopping arcade and exhibition hall, (10) an outer belt for spatial sound and **light** displays; (11) a giant amphitheatre with hydraulic scenery moving within the space of the second lower ground floor.

Dwg.1/19

Derwent Class: Q46

International Patent Class (Main): E04H-001/00

International Patent Class (Additional): E04H-003/10

24/7/27 (Item 17 from file: 347)

DIALOG(R) File 347:JAPIO

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02894211 **Image available**

OPTICAL DEVICE AND ITS MANUFACTURE

PUB. NO.: 01-191811 [JP 1191811 A]

PUBLISHED: August 01, 1989 (19890801)

INVENTOR(s): YAMAZOE YOSHIMITSU

APPLICANT(s): SUMITOMO ELECTRIC IND LTD [000213] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 63-016667 [JP 8816667]

FILED: January 27, 1988 (19880127)

ABSTRACT

PURPOSE: To improve the manufacture yield by fixing an optical passive element to a recessed part and forming its alignment use mark and an optical passive element containing recessed part by a photolithography method.

CONSTITUTION: A package body 2 positioning groove 4 is formed, and a semiconductor **light** emitting element chip 1 is positioned along the groove 4 and fixed to the package body 2 by soldering. On the body 2, an electrode part 3 is also provided, and the electrode part 3 is connected to the chip 1 with a bonding wire 16. To a side **face** 2a of the body 2, a thin **plate** 8 of **light** transmissive quartz glass, etc. is fixed. On one **face** of this thin **plate** 8, a circular lens containing recessed part 6 to which a lens 5 is fitted is formed, and also, in a part against the recessed part on the other **face**, an optical axis alignment use mark 9 is formed, and by utilizing this mark 9, a position adjustment is executed so that the axis center of the lens 5 and an optical axis of a **light**

emitting part of the chip 2 coincide with each other. Subsequently, after the position is adjusted, the lens 5 is fitted to the lens containing recessed part 6 and fixed. In this regard, the recessed part 6 and the mark 9 are formed by a photolithography method.

File 348:EUROPEAN PATENTS 1978-2002/Dec W03

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030102,UT=20021226

(c) 2003 WIPO/Univentio

Set	Items	Description
S1	0	PC=3942 OR PC=39442 OR PC=307852
S2	23048	ROBOT??
S3	0	S1 AND S2
S4	317394	FACE OR FACES OR FACIAL
S5	65969	EYE OR EYES
S6	58118	NOSE OR NOSES OR MOUTH OR MOUTHS
S7	817786	SCREEN? ? OR SHIELD? ? OR COVER???? OR MASK? ? OR PLATE? ? OR FILM? ?
S8	14156	SUNGLASSES OR GLASSES
S9	463680	LIGHT??? OR LED OR LUMIN? OR LUMEN?
S10	7610	TOY OR TOYS OR DOLL OR DOLLS
S11	277	IC='G06N-003'
S12	203	S2(S)S10
S13	4	S11 AND S12
S14	1531	S2(S)S4:S6
S15	129590	S7:S8 (S) S9
S16	50	S14(S)S15
S17	50442	S9(5N)S7:S8
S18	4	S16 (S)S17
S19	4	S18 NOT S13

13/3,AB/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01338999

INFORMATION PROCESSING DEVICE AND METHOD, DATA HOLDING DEVICE, AND PROGRAM
VORRICHTUNG UND VERFAHREN ZUR INFORMATIONSVERARBEITUNG, DATENTRAGER UND
PROGRAMM

DISPOSITIF ET PROCEDE DE TRAITEMENT DE L'INFORMATION, DISPOSITIF DE
STOCKAGE DE DONNEES ET PROGRAMME

PATENT ASSIGNEE:

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Tokyo 141-0001, (JP), (Applicant designated States: all)

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PATENT (CC, No, Kind, Date): EP 1182610 A1 020227 (Basic)
WO 200159703 010816

APPLICATION (CC, No, Date): EP 2001904373 010209; WO 2001JP948 010209

PRIORITY (CC, No, Date): JP 200038096 000209; JP 200038256 000210

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06N-003/12

ABSTRACT EP 1182610 A1

In an information processing device and method, and programs, firstly,
new second inheritance data is created based on first inheritance data
regulating the shape and/or behaviors of a virtual creature and secondly,
the gene data of the virtual creature is diagnosed and a given value
added is applied to the virtual creature when it is determined based on
the diagnostic result that the gene data satisfies predetermined
conditions and thirdly, information on parents of virtual creatures which
are sequentially created by mixing and registered, is stored and a
pedigree of a designated virtual creature is inquired into based on the
information. On the other hand, a data storing device is provided with a
first storage means for storing inheritance data to regulate the shape
and/or behaviors of a virtual creature, a communication means for
transmitting/receiving inheritance data to/from the outside, and a second
storing means for storing the inheritance data of other virtual creatures
via the communication means.

ABSTRACT WORD COUNT: 159

NOTE:

Figure number on first page: 9

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200209	1260
SPEC A	(English)	200209	13381
Total word count - document A			14641
Total word count - document B			0
Total word count - documents A + B			14641

13/3,AB/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01332264

Humanoid robot communicating with body language
Mit Körpersprache kommunizierender humanoider Roboter
Robot humanoide pouvant communiquer par des mouvements du corps

PATENT ASSIGNEE:

SONY CORPORATION, (214025), 6-7-35 Kitashinagawa Shinagawa-ku, Tokyo 141,
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Kuroki, Yoshihiro, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,
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PATENT (CC, No, Kind, Date): EP 1136193 A2 010926 (Basic)
EP 1136193 A3 020508

APPLICATION (CC, No, Date): EP 2001302591 010320;

PRIORITY (CC, No, Date): JP 200078979 000321

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: B25J-013/00; G06N-003/00

ABSTRACT EP 1136193 A2

A legged mobile robot realizes a motion language by a time-series change in an actuator angle or a motion pattern using the four limbs and the trunk. A motion language which includes, for example, a motion pattern which is an approximation of the contour/shape of a character is used, so that even a robot or a human being which does not possess the same motion language database can determine the meaning and character which is indicated by each motion pattern as a result of visually recognizing and interpreting the contour/form which is indicated by each motion pattern. For example, a robot which has stepped into a dangerous working area can give a message concerning, for example, the condition of the working area to an observer at a remote location without using any data communications means. The legged mobile robot communicates by moving the limbs and/or the trunk.

ABSTRACT WORD COUNT: 148

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200139	799
SPEC A	(English)	200139	11601
Total word count - document A			12400
Total word count - document B			0
Total word count - documents A + B			12400

13/3,AB/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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a duplicate of 5/3,AB/1 in inventor section

01231544

ROBOT DEVICE, ITS CONTROL METHOD, AND RECORDED MEDIUM
ROBOTERVORRICHTUNG, STEUERVERFAHREN UND AUFZEICHNUNGSMEDIUM
DISPOSITIF ROBOT, SON PROCEDE DE COMMANDE ET SUPPORT D'ENREGISTREMENT
PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

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YAMAGISHI, Takeshi Sony Corporation, 7-35, Kitashinagawa 6-chome,
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LEGAL REPRESENTATIVE:

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Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1120740 A1 010801 (Basic)
WO 200068879 001116

APPLICATION (CC, No, Date): EP 2000925597 000510; WO 2000JP2990 000510

PRIORITY (CC, No, Date): JP 99129279 990510

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06N-003/00

ABSTRACT EP 1120740 A1

Since in the robot and its control method and recording medium, the
light emitting element to function as eyes for the sake of appearance is
flashed so that the emotion can be expressed, the user can easily
recognize the emotion of said robotic device based on the light emitting
condition of light emitting element. And thus, the attachment and
curiosity of the user to the robot can be increased, and the
entertainment factor of the robot can be further improved.

ABSTRACT WORD COUNT: 81

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200131	819
SPEC A	(English)	200131	5721
Total word count - document A			6540
Total word count - document B			0
Total word count - documents A + B			6540

13/3,AB/4 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00895574

**A SYSTEM, METHOD AND LANGUAGE FOR PROGRAMMING BEHAVIOUR IN SYNTHETIC
CREATURES**

**SYSTEME ET PROCEDE DE PROGRAMMATION DE COMPORTEMENTS DE CREATURES
SYNTHETIQUES**

Patent Applicant/Assignee:

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only for: US)

Legal Representative:

JACOB Sheena R (et al) (agent), Alban Tay Mahtani & De Silva, Raffles
City Post Office, P.O. Box 0643, Singapore 911722, SG,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200229715 A1 20020411 (WO 0229715).

Application: WO 2000SG166 20001003 (PCT/WO SG0000166)

Priority Application: WO 2000SG166 20001003

Designated States: CN GB IN JP SG US

Publication Language: English

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Fulltext Word Count: 10054

English Abstract

The invention consists of a mark-up language to program behaviour of Synthetic Creatures. It can also be used for creating digital stories in graphical environments, virtual worlds, interactive **toy** systems, and **robots** . It is further designed specify spatial and temporal unfolding of life-like behaviour in synthetic creatures, while imitating the behaviours, actions and expressions of humans and other living creatures.

19/6/2 (Item 1 from file: 349)
00887113 **Image available**
A COMPUTER WITH SWITCHABLE COMPONENTS
ORDINATEUR A COMPOSANTS COMMUTABLES
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 33588
Publication Year: 2002

19/6/3 (Item 2 from file: 349)
00814469 **Image available**
A PROCESS FOR ACHIEVING DECOR ON SURFACE ELEMENTS
PROCEDE DE REALISATION D'UN DECOR SUR DES ELEMENTS DE SURFACE
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 8977
Publication Year: 2001

19/6/4 (Item 3 from file: 349)
00275163 **Image available**
METHOD OF SIMULTANEOUS RECORDING OF PICTURES AND SOUND AND A CAMERA FOR
CARRYING OUT THE METHOD
PROCEDE D'ENREGISTREMENT SIMULTANE D'IMAGES ET DE SON ET CAMERA PREVUE A
CET EFFET
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 2818
Publication Year: 1994
?t19/3,k/1

19/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

00865745
End effector and method for loading and unloading disks at a processing
station
Greifer und Methode zum Beladen und Entladen von Platten an einer
Bearbeitungsstation
Organe prehenseur et procede de chargement et dechargement des disques dans
une station de traitement
PATENT ASSIGNEE:

Komag, Inc., (699781), 275 South Hillview Drive, Milpitas California
95035, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Allen, Ronald, 3477 Ambra Way, San Jose, California 95132, (US)
Bae, Peter S., 1686 Kennewick Drive, Sunnyvale, California 94087, (US)
Fukui, Kenneth D., 5560 Greenoak Drive, San Jose, California 95129, (US)
Oshiro, Gen E., 40717 Palatino Street, Fremont, California 94539, (US)

LEGAL REPRESENTATIVE:

W.P. THOMPSON & CO. (101052), Celcon House 289-293 High Holborn, London
WC1V 7HU, (GB)

PATENT (CC, No, Kind, Date): EP 794528 A2 970910 (Basic)
EP 794528 A3 980617
APPLICATION (CC, No, Date): EP 97301530 970307;
PRIORITY (CC, No, Date): US 612052 960307

DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G11B-005/84;
ABSTRACT WORD COUNT: 183

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9709W1	1577
SPEC A	(English)	9709W1	4380
Total word count - document A			5957
Total word count - document B			0
Total word count - documents A + B			5957

...SPECIFICATION abrasive particles and rough particles of aluminum ground off or polished off the unprocessed or **plated** disks). Ring **light** 60 and its **cover** 60a provides a cylindrical housing extension of the lens housing 70. The outer end of the ring **light** has a plastic cap 73 with a central aperture 76 sized, for example about 1...

...to allow focusing of the digital image and to allow air to pass therethrough. The **cover** 61a and the ring **light** 60 includes a transverse passageway 72 which receives pressurized air (arrow 77), e.g. about 50-60 psi, which passes across the lens **face** 70a into chamber 75 between the lens **face** 70a and cap 73, and exits through aperture 76 with a fan-like air stream...

...with the vision alignment system. This air stream is "ON" when the effectors on the **robot** arm pass into the grinding or polishing zone between the platens.

The vision alignment system...

File 350:Derwent WPIX 1963-2002/UD,UM &UP=200301
(c) 2003 Thomson Derwent:
File 347:JAPIO Oct 1976-2002/Sep(Updated 030102)
(c) 2003 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	628	AU='INOUE MAKOTO'
S2	131	AU='YAMAGISHI TAKESHI'
S3	0	S1 AND S2
S4	1781	ROBOT(S) LIGHT???
S5	3	S1:S2 AND S4

5/7/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07126006 **Image available**
ROBOT DEVICE

PUB. NO.: 2001-353674 [JP 2001353674 A]
PUBLISHED: December 25, 2001 (20011225)
INVENTOR(s): INOUE MAKOTO
YAMAGISHI KEN
APPLICANT(s): SONY CORP
APPL. NO.: 2001-111837 [JP 2001111837]
Division of 2000-135146 [JP 2000135146]
FILED: May 08, 2000 (20000508)
PRIORITY: 11-129279 [JP 99129279], JP (Japan), May 10, 1999 (19990510)

ABSTRACT

PROBLEM TO BE SOLVED: To enhance the entertainment property of a **robot** device.

SOLUTION: The **robot** device is provided with **light** emission means functioning as eyes in appearance. The **light** emission means comprise, e.g. red or green LEDs, which change **lighting** colors or blink alternately or at the same time in accordance with feelings based on the internal and external conditions of the **robot** device.

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5/7/2 (Item 2 from file: 347)
DIALOG(R) File 347:JAPIO
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06798502 **Image available**
ROBOT DEVICE, ITS CONTROL METHOD AND RECORDING MEDIUM

PUB. NO.: 2001-025984 [JP 2001025984 A]
PUBLISHED: January 30, 2001 (20010130)
INVENTOR(s): INOUE MAKOTO
YAMAGISHI KEN
APPLICANT(s): SONY CORP
APPL. NO.: 2000-135146 [JP 2000135146]
FILED: May 08, 2000 (20000508)
PRIORITY: 11-129279 [JP 99129279], JP (Japan), May 10, 1999 (19990510)

ABSTRACT

PROBLEM TO BE SOLVED: To easily recognize the emotion of a **robot** device by providing a **light** emitting means functioning as the apparent eyes, an external sensor for detecting the external state and/or an external input, and a control means for flashing the **light** emitting means so as to express the emotion on the basis of the output of the external sensor.

SOLUTION: A CCD camera 15 functioning as the substantial 'eyes' of a pet **robot** and an LED 19 functioning as the apparent 'eyes' are arranged in prescribed positions of a head unit 4. The LED 19 is formed of red LED 19R1, 19R2 emitting red **light** and green LED 19G1, 19G2 emitting green **light**. In the pet **robot**, the emotion is expressed by **lighting** the LED 19. According to this, the emotion of this **robot** device can be easily recognized by a user on the basis of the emitting state of the **light** emitting means.

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5/7/3 (Item 3 from file: 347)
DIALOG(R) File 347:JAPIO

05820823 **Image available**

APPARATUS AND METHOD FOR DETECTING POSITION AND ROBOT APPARATUS

PUB. NO.: 10-103923 [JP 10103923 A]
PUBLISHED: April 24, 1998 (19980424)
INVENTOR(s): INOUE MAKOTO
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 08-280040 [JP 96280040]
FILED: September 30, 1996 (19960930)

ABSTRACT

PROBLEM TO BE SOLVED: To highly accurately detect a position of a moving body within a move area by detecting a corresponding light-emitting unit on the basis of image information of the photographed moving body and a color pattern of a projected light of a each light-emitting unit which is stored beforehand.

SOLUTION: **Light** -emitting units 3A-3J are arranged outside a work area of a **robot** along one side 2A of the work area. The work area is illuminated by a projected **light** from each **light** -emitting unit. The **robot** photographs by a camera 20 the projected **light** of the front **light** -emitting unit in an X direction. Pixels of each color component included in an obtained image signal S(sub 1) are extracted at color extraction parts 31A-31Z. A color pattern of the projected **light** of the **light** -emitting unit 3A-3J corresponding to an output of each extraction part is detected on the basis of the output of the extraction part. The corresponding **light** -emitting unit is detected from the detection result and color patterns of the **light** -emitting units 3A-3J stored beforehand at 34. A position of the **robot** at the time is detected from the detection result and position information of each **light** -emitting unit 3A-3J stored at 35.

File 348:EUROPEAN PATENTS 1978-2002/Dec W03

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030102,UT=20021226

(c) 2003 WIPO/Univentio

Set	Items	Description
S1	0	PN=JP 10103923 + PN=JP 2001025984 + PN=JP 2001353674
S2	0	INOUE MAKOTO
S3	68	AU='INOUE MAKOTO':AU='INOUE MAKOTO 2 10 4 447 SONEHIGASHIN- OCHO'
S4	7	AU='YAMAGISHI TAKESHI':AU='YAMAGISHI TAKESHI SONY CORPORAT- ION'
S5	2	S3 AND S4
S6	1825	ROBOT? (S) LIGHT???
S7	6	(S3:S4 AND S6) NOT S5

5/3,AB/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01231544

ROBOT DEVICE, ITS CONTROL METHOD, AND RECORDED MEDIUM
ROBOTERVORRICHTUNG, STEUERVERFAHREN UND AUFZEICHNUNGSMEDIUM
DISPOSITIF ROBOT, SON PROCEDE DE COMMANDE ET SUPPORT D'ENREGISTREMENT
PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

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YAMAGISHI, Takeshi Sony Corporation, 7-35, Kitashinagawa 6-chome,
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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1120740 A1 010801 (Basic)
WO 200068879 001116

APPLICATION (CC, No, Date): EP 2000925597 000510; WO 2000JP2990 000510

PRIORITY (CC, No, Date): JP 99129279 990510

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06N-003/00

ABSTRACT EP 1120740 A1

Since in the robot and its control method and recording medium, the
light emitting element to function as eyes for the sake of appearance is
flashed so that the emotion can be expressed, the user can easily
recognize the emotion of said robotic device based on the light emitting
condition of light emitting element. And thus, the attachment and
curiosity of the user to the robot can be increased, and the
entertainment factor of the robot can be further improved.

ABSTRACT WORD COUNT: 81

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200131	819
SPEC A	(English)	200131	5721
Total word count - document A			6540
Total word count - document B			0
Total word count - documents A + B			6540

5/3,AB/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00755468

ROBOT DEVICE, ITS CONTROL METHOD, AND RECORDED MEDIUM
DISPOSITIF ROBOT, SON PROCEDE DE COMMANDE ET SUPPORT D'ENREGISTREMENT
Patent Applicant/Assignee:

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141-0001, JP, JP (Residence), JP (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200068879 A1 20001116 (WO 0068879)
Application: WO 2000JP2990 20000510 (PCT/WO JP0002990)
Priority Application: JP 99129279 19990510
Designated States: CN KR SG US
(EP) DE FR GB
Publication Language: Japanese
Filing Language: Japanese

English Abstract

A robot device having light-emitting elements looking like eyes which are turned on/off for expression of its emotion according to the output of an external sensor. The user can recognize the emotion of the robot device based on the light emission state of the light-emitting elements, which enhances the attachment and curiosity of the user to the robot device and the entertainment afforded by the robot device is further improved. Its control method and a recorded medium are also disclosed.

French Abstract

L'invention concerne un dispositif robot possedant des elements electroluminescents ressemblant a des yeux, qui sont mis en marche/arret pour l'expression de ses emotions en fonction du signal de sortie d'un capteur externe. L'utilisateur peut reconnaitre l'emotion du dispositif robot en fonction de l'etat de luminescence des elements electroluminescents, ce qui augmente l'attachement et la curiosite de l'utilisateur vis-a-vis du dispositif robot ainsi que l'agrement apporte par ledit dispositif robot. Le procede de commande dudit robot et un support d'enregistrement sont egalement decrits.

7/3,AB/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01339001

INFORMATION PROVIDING SYSTEM, INFORMATION PROVIDING DEVICE, AND SYSTEM FOR
CONTROLLING ROBOT DEVICE
INFORMATIONSBEREITSTELLUNGSSYSTEM UND -VORRICHTUNG UND SYSTEM ZUR
ROBOTERSTEUERUNG

SYSTEME DE FOURNITURE D'INFORMATIONS, DISPOSITIF DE FOURNITURE
D'INFORMATIONS ET SYSTEME DE COMMANDE D'UN DISPOSITIF ROBOT
PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

MATSUOKA, Tsunetaro, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
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NOMA, Hideki, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
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KONISHI, Tetsuya, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
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INOUE, Makoto, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
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MURAMATSU, Katsuya, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
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INOUE, Noritoshi, c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
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LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46458), D. Young & Co, 21 New Fetter Lane,
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PATENT (CC, No, Kind, Date): EP 1207487 A1 020522 (Basic)
WO 200159642 010816

APPLICATION (CC, No, Date): EP 2001904376 010209; WO 2001JP952 010209

PRIORITY (CC, No, Date): JP 200038249 000210

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 1207487 A1

The present invention makes it possible and easier to serve optimum robot components/devices/accessories by means of an information service system including personal terminal devices (31A to 31C) connected to an information communication network via a telecommunication line, and a server (38) connected to the information communication network via the telecommunication line to cumulatively store information on components/devices/accessories available from a plurality of manufacturers (37a, 37c and 37c) (third party) of components/devices/accessories of a robot 1, as classified according to the attributes of the components/devices/accessories and send, to the personal terminal devices (31A to 31C) connected thereto, options information prepared based on the attribute of the cumulatively stored components/devices/accessories information and including a plurality of items for selection of a robot component.

ABSTRACT WORD COUNT: 122

NOTE:

Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200221	1424
SPEC A	(English)	200221	11128

Total word count - document A 12552
Total word count - document B 0
Total word count - documents A + B 12552

7/3,AB/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01338999

INFORMATION PROCESSING DEVICE AND METHOD, DATA HOLDING DEVICE, AND PROGRAM
VORRICHTUNG UND VERFAHREN ZUR INFORMATIONSVERRARBEITUNG, DATENTRAGER UND
PROGRAMM

DISPOSITIF ET PROCEDE DE TRAITEMENT DE L'INFORMATION, DISPOSITIF DE
STOCKAGE DE DONNEES ET PROGRAMME

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

NOMA, Hideki, Sony Corp. 7-35, Kitashinagawa 6-chome Shinagawa, Tokyo
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FUJITA, Masahiro, Sony Corp. 7-35, Kitashinagawa 6-chome Shinagawa, Tokyo
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INOUE, Makoto, Sony Corp. 7-35, Kitashinagawa 6-chome Shinagawa, Tokyo
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INOUE, Noritoshi, Sony Corp. 7-35, Kitashinagawa 6-chome Shinagawa, Tokyo
141-0001, (JP)

MURAMATSU, Katsuya, Sony Corp. 7-35, Kitashinagawa 6-chome Shinagawa,
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TAKEDA, Masashi, Sony Corp. 7-35, Kitashinagawa 6-chome Shinagawa, Tokyo
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LEGAL REPRESENTATIVE:

DeVile, Jonathan Mark, Dr. et al (91151), D. Young & Co 21 New Fetter
Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1182610 A1 020227 (Basic)
WO 200159703 010816

APPLICATION (CC, No, Date): EP 2001904373 010209; WO 2001JP948 010209

PRIORITY (CC, No, Date): JP 200038096 000209; JP 200038256 000210

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06N-003/12

ABSTRACT EP 1182610 A1

In an information processing device and method, and programs, firstly,
new second inheritance data is created based on first inheritance data
regulating the shape and/or behaviors of a virtual creature and secondly,
the gene data of the virtual creature is diagnosed and a given value
added is applied to the virtual creature when it is determined based on
the diagnostic result that the gene data satisfies predetermined
conditions and thirdly, information on parents of virtual creatures which
are sequentially created by mixing and registered, is stored and a
pedigree of a designated virtual creature is inquired into based on the
information. On the other hand, a data storing device is provided with a
first storage means for storing inheritance data to regulate the shape
and/or behaviors of a virtual creature, a communication means for
transmitting/receiving inheritance data to/from the outside, and a second
storing means for storing the inheritance data of other virtual creatures
via the communication means.

ABSTRACT WORD COUNT: 159

NOTE:

Figure number on first page: 9

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200209	1260

SPEC A (English) 200209 13381
Total word count - document A 14641
Total word count - document B 0
Total word count - documents A + B 14641

7/3,AB/3 (Item 3 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01231542

TOBOY DEVICE AND METHOD FOR CONTROLLING THE SAME
SPIELZEUG UND VERFAHREN ZUR STEUERUNG DESSELBEN
DISPOSITIF JOUET ET SA TECHNIQUE DE COMMANDE
PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

INOUE, Makoto, Sony Corporation, 7-35, Kitashinagawa 6-chome,
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NOMA, Hideki, Sony Corporation, 7-35, Kitashinagawa 6-chome,
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LEGAL REPRESENTATIVE:

Pilch, Adam John Michael (50481), D. YOUNG & CO., 21 New Fetter Lane,
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PATENT (CC, No, Kind, Date): EP 1112821 A1 010704 (Basic)
WO 200067960 001116

APPLICATION (CC, No, Date): EP 2000925595 000510; WO 2000JP2988 000510

PRIORITY (CC, No, Date): JP 99129275 990510; JP 99165756 990510

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: B25J-013/00; B25J-005/00

ABSTRACT EP 1112821 A1

In the robot system and the control method thereof, the motion of the movable part of which one end has been connected freely in rotation in the direction of at least one axis or more will be determined by changing the emotion/instinct model based on input information. On the other hand, the remaining amount of the battery is detected and if the above detected remaining amount of the battery becomes a prescribed level or below, besides, the internal temperature of the body part is detected and if the above detected internal temperature becomes a prescribed temperature and over, the robot system is changed into a predetermined attitude and/or appears a predetermined motion.

ABSTRACT WORD COUNT: 113

NOTE:

Figure number on first page: 0011

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200127	838
SPEC A	(English)	200127	13851
Total word count - document A			14689
Total word count - document B			0
Total word count - documents A + B			14689

7/3,AB/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01213845

ROBOT APPARATUS
ROBOTER
ROBOT

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,

Tokyo 141-0001, (JP), (Applicant designated States: all)
INVENTOR:
HASEGAWA, Rika, Sony Corporation, 7-35, Kitashinagawa 6-chome,
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INOUE, Makoto, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)
LEGAL REPRESENTATIVE:
Robinson, Nigel Alexander Julian et al (69551), D. Young & Co., 21 New
Fetter Lane, London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 1122037 A1 010808 (Basic)
WO 200056506 000928
APPLICATION (CC, No, Date): EP 2000911348 000324; WO 2000JP1822 000324
PRIORITY (CC, No, Date): JP 9980136 990324
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: B25J-013/00; B25J-005/00; G05B-019/418

ABSTRACT EP 1122037 A1

A motion deciding means is provided to decide a motion based on
transmitted information which is transmitted from another robot
apparatus, so that it is possible to realize a robot apparatus which
operates in cooperation with other robot apparatuses regardless of
operator's instructions. Thus, such robot apparatuses can constitute a
group of robot apparatuses which autonomously move in cooperation.
ABSTRACT WORD COUNT: 60

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200132	705
SPEC A	(English)	200132	8039
Total word count - document A			8744
Total word count - document B			0
Total word count - documents A + B			8744

7/3,AB/5 (Item 5 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01191768

ROBOT
ROBOTER
ROBOT

PATENT ASSIGNEE:
Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)
INVENTOR:
INOUE, Makoto, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)
HOSONUMA, Naoyasu, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)
FURUMURA, Kyoko, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)
SABE, Kotaro, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku
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Horner, David Richard et al (77632), D Young & Co, 21 New Fetter Lane,
London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 1120205 A1 010801 (Basic)
WO 200043168 000727
APPLICATION (CC, No, Date): EP 2000900911 000125; WO 2000JP342 000125
PRIORITY (CC, No, Date): JP 9915762 990125
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: B25J-013/00; B25J-005/00

ABSTRACT EP 1120205 A1

A robot apparatus of the present invention, which actuates a movable

portion based on a predetermined control program to autonomously perform action, comprises fixed storage means fixed at a predetermined position in the robot apparatus; removable storage means removably disposed at a predetermined position of the robot; and control means for storing control data used to operate the control program in the fixed storage means or in the removable storage means in accordance with the type of the control data or for reading control data from the fixed storage means or from the removable storage means in accordance with the type of the control data.

ABSTRACT WORD COUNT: 106

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200131	885
SPEC A	(English)	200131	6071
Total word count - document A			6956
Total word count - document B			0
Total word count - documents A + B			6956

7/3,AB/6 (Item 6 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01191740

ROBOT DEVICE AND MOTION CONTROL METHOD

ROBOTER UND VERFAHREN ZUR BEWEGUNGSSTEUERUNG

ROBOT ET PROCEDE DE COMMANDE DE DEPLACEMENT

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

INOUE, Makoto , Sony Corporation 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)
YOKOYAMA, Taku, Sony Corporation 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

DeVile, Jonathan Mark et al (91151), D. Young & Co 21 New Fetter Lane,
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1088629 A1 010404 (Basic)
WO 0043167 000727

APPLICATION (CC, No, Date): EP 900846 000120; WO 00JP263 000120

PRIORITY (CC, No, Date): JP 9912292 990120; JP 99341374 991130

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: B25J-013/00; B25J-005/00; G05B-013/02

ABSTRACT EP 1088629 A1

The robot apparatus of the present invention autonomously makes natural motions. The robot apparatus is provided with a control means 32, which has a feeling/instinct model that causes a motion and changes the feeling/instinct model based on input information S1 to S3 thereby to determine a motion. As a result of this, the robot apparatus 1 can autonomously act based on the state of its own feeling/instinct. A robot apparatus which can autonomously make natural motions can thus be realized.

ABSTRACT WORD COUNT: 81

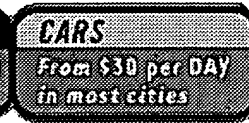
NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200114	2261

SPEC A	(English)	200114	20064
Total word count - document A			22325
Total word count - document B			0
Total word count - documents A + B			22325



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2. [Luxury Futuristic Robotic Dog for Kids](#) - Hammacher Schlemmer offers a rare colle...
3. [Anewtoy's Robotic Pets Shopping Guide](#) - Price comparisons, product details, and ...

WEB RESULTS by Inktomi (Showing Results 1 - 10 of 4,191)

1. International: Sony shows off artificially intelligent pet robot...

Sony shows off artificially intelligent **pet robot** Michael Drexler, IDG News Service, Tokyo Bureau V create a new industry for a new century, Sony has unveiled Aibo, an artificially intelligent "entertain **robot**" which the company will

<http://www.computingsa.co.za/1999/05/24/International/int02.htm> - May 25, 1999 - 8 KB

2. Pepe personal pet

Pepe (PERsonal **PET**) The long- term objective of this research project is to build an intelligent, adap user-friendly agent that displays different emotional states and a wide range of behaviors....

<http://www.cc.gatech.edu/faculty/ashwin/projects/pepe> - January 18, 1999 - 3 KB

3. Video Proceedings of the AAAI-98 Mobile Robot Exhibition

... 50:00. Pepe: Personal **Pet Robot**. Alexander Stoytchev and Rawesak Tanawongsuwan ...

<http://www.cc.gatech.edu/~aaai98/exhibition/video.html> - January 5, 1999 - 5 KB

4. Artificial Emotional Creature Project

... 2) Prototype of the **Pet Robot** (Jan., '96 - Mar., '96) ...

<http://www.ai.mit.edu/people/shibata/cre.html> - May 5, 1996 - 5 KB

5. MIT AI Lab: Robots of the Mobot Group

There are three projects currently in development in the Mobot Group under the supervision of Prof. Brooks: A **pet robot**. ... Yuppy. A **pet robot**. Wheellesley. A robotic wheelchair system developed fo unable to drive a traditional powered ...

<http://www.ai.mit.edu/projects/mobile-robots/robots.html> - February 11, 1998 - 3 KB

6. Greasy Kid Stuff Playlist for Oct. 18, 1997

... Bruce Haack (Jack Pine Savage), "O.K. **Robot**". Pulsars, "My **Pet Robot**" ...

<http://www.wfmu.org/Playlists/GK/gks.971018.html> - November 20, 1997 - 2 KB

7. page4

... The most popular choice of device was similar to a virtual **pet / robot** which they themselves ow controlled. ...

<http://www.dcs.napier.ac.uk/~is6164/page4.html> - June 1, 1998 - 4 KB

8. untitled

c:/ desktop/ int/ entertainment/ scenario/ doc.

<http://borneo.gmd.de/~wilberg/desktop/int/entertainment/scenario/TAGS> - September 4, 1998 - 10 KB

9. ATIP99.027 : Biomimetic Systems R&D in Japan

... **robot**. html) Both Honda's humanoid and Sony's **pet-robot** received extensive coverage on prim TV. ...

<http://www.cs.arizona.edu/japan/www/atip/public/atip.reports.99/atip99.027...> - April 7, 1999 - 7 KB

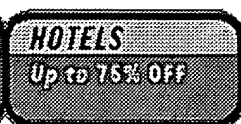
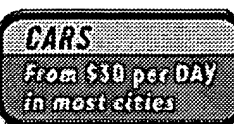
10. IF I HAD A ROBOT by Mrs. Wilhelm's First Grade Class

IF I HAD A **ROBOT** by Mrs. Wilhelm's First Grade Class i want my **robot** to be my cat i wt m rbt to b som crystols i want my **robot** do flipds-- i want mi **robot** too chas fom in too inee thing i wod...

<http://www.summitschool.com/showcase/wilhelm.html> - October 3, 1996 - 5 KB

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Date: **Before or on June 1, 1999** [[Edit this Search](#)]

WEB RESULTS by **Inktomi** (Showing Results 11 - 20 of 4,188)

11. Robot Roll Call

A **robot** roll call of some of my machines I took the Tacklebot pictures with my Agfa e307 digital color camera. These are all JPEGs, 640x480, 24-bit color images. ... (218K): A seven-inch tall robo-**pet**, also driven by modified R/C servo motors. Huey was my first and is still a ...

<http://www.seanet.com/~karilunt/rollcall.htm> - November 28, 1998 - 3 KB

12. GENE's Robots

... (heheheheee...) : I can not wait till I get to have a **pet robot** all for myself. ...

<http://www.hut.fi/Units/LangSpeech/Ruth/spring95/newsgroup/fi/msg00359.html> - March 5, 1997 - 4 KB

13. Javilk@mail-net.com

... greenish/brown eyes, brown hair, a light complexion, a good caring personality, and a **pet robot** can run faster than I can. ...

<http://www.mail-net.com/javilk/swm.html> - August 20, 1997 - 3 KB

14. RE:Robots

... With technology like this on the way, I can not wait till I get to have a **pet robot** all for myself. .

<http://www.hut.fi/Units/LangSpeech/Ruth/spring95/newsgroup/edu/msg00346.htm>... - July 31, 1996 - 2 KB

15. "Robby", A Household Robot, pneumatic, humanoid

Proposal to build a \$15000, 4 ft high, pneumatic, humanoid, household **robot**. Needs 220 watts, an the General Learner computer program as mind

<http://luks.fe.uni-lj.si/slovensko/studij/laboratorijske/UIS/intsynt/robby....> - July 19, 1998 - 4 KB

16. categories.com

Specially selected quality products from around the world at your fingertips 24 hours a day. Click th CATEGORY of products or services you want now.

<http://www.categories.com/> - February 9, 1999 - 4 KB

17. Robotic Design Studio Home Page

... Jennifer's sBOTina **robot pet** has a variety of behaviors, including walking, turning its tail, bobbi nose, and ...

<http://www.wellesley.edu/Physics/robots/studio.html~> - August 13, 1997 - 15 KB

18. SEE Magazine: February 4th, 1999

... R2D2 and C3PO are joined by "Babybot4 " a wisecracking but lovable **pet robot** monkey. ...

<http://www.greatwest.ca/see/Issues/1999/0204/icu1.htm> - February 4, 1999 - 6 KB

19. Separate IMAGE for Basic foil 11 Robot Manage Tool

... Foil 11 **Robot** Manage Tool. From Summary of NPAC Web-linked Database Projects NCSA **PET** Webmaster Meeting and ITEA HPCC ...

<http://www.npac.syr.edu/users/gcf/iteatutjuly98/npacwebdbncsa/foilsepimaged...> - November 28, 1998 - 7 KB

20. WBDControl for Basic Foilset: foil 11 Robot Manage Tool

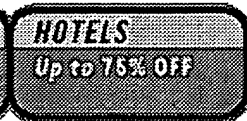
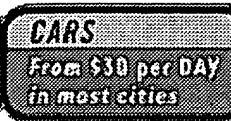
... Foil 11 **Robot Manage Tool**. From Summary of NPAC Web-linked Database Projects NCSA **PET** Webmaster Meeting and ITEA HPCC ...

<http://www.npac.syr.edu/users/gcf/iteatutjuly98/npacwebdbncsa/foilsepfocusi...> - November 28, 1998 - 9 KB

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WEB RESULTS by **Inktomi** (Showing Results 21 - 30 of 4,185)

21. National Console Support Week of May 26, 1997

... New virtual **pet robot** simulator set in a 3-D landscape ...

<http://www.ncsx.com/ncs0526.htm> - September 1, 1997 - 20 KB

22. Robotic Design Studio Home Page

Some pictures from the 1997 **Robot** Exhibition: In the Handroid project, Elena used two Handy Boa (which communicated using IR) to control a six-motor LEGO hand. ... Jennifer's sBOTina **robot pet** variety of behaviors, including walking, turning its tail, bobbing its nose, and ...

<http://www.wellesley.edu/Physics/robots/rds.html~> - May 20, 1997 - 4 KB

23. Week 14 & Final Responses

... Now I'll understand what is really up with those new **pet robot** dogs... Even as I was doing the C project, I began to ...

<http://www.cs.brynmawr.edu/Courses/cs372/fall98/Responses/Week14.html> - December 8, 1998 - 22 KB

24. Nuku Nuku TV News

... About a month ago, I was amazed to see a link to the **Pet Robot** project on the company home

<http://www.sazan.net/anime/nukunuku> - April 18, 1999 - 21 KB

25. Robot Vision Show

Fanuc uses an XRAY-450 to demonstrate the new sealed option for their line of robots. The XRAY is into a fish tank to demonstrate the gripper's (and robot's) ability to survive wet and The fish...

<http://www.grippers.com/Vision.htm> - April 28, 1999 - 2 KB

26. Artificial Intelligent Systems, learn, experience, robot

Several artificial intelligent systems are described; that have their own objectives and able to learn. proposal is made for a cheap household **robot**

<http://luks.fe.uni-lj.si/slovensko/studij/laboratorijske/UIS/intsynt/artis....> - July 19, 1998 - 6 KB

27. © The Pet Groomers Pages

... Joanie just found out she's allergic to **pet** hair, and it's the third week this month ... your daily w turning you into a **robot**? Are you a victim ...

<http://www.groomers.com/KatHog/whome.html> - May 8, 1997 - 4 KB

28. untitled

... com/ TECH/ ptech/ 9905/ 11/ **robot. pet. ap/** . - Camp Subject: The url I mentioned From: Chuc McManis <cmcm manis ...

<http://www.wildrice.com/HBRobotics/Arc/1999/05/HBRobotics19990511.tarc> - May 12, 1999 - 2 KB

29. 97-118a (Robotic Talent)

... show, one motion-seeking **robot** will follow a person like a primitive **pet**. Another **robot** will lear go through a ...

http://www.brown.edu/Administration/News_Bureau/1997-98/97-118a.html - April 27, 1998 - 3 KB

30. Chapter One

Chapter One The Problem and Its Setting Introduction to the problem: Robotics is a mixture of mech engineering, electrical engineering, and computer science. This project deals specifically with an aut mobile **robot**. In this field robots

<http://polaris.umuc.edu/~mpezzuti/Research%20Practicum%20Paper.html> - August 26, 1998 - 52 KB

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WEB RESULTS by  Inktomi (Showing Results 41 - 50 of 4,181)

41. GKDesign CURI-4

The CURI-4 platform was developed to investigate a layered behavioral control scheme for a mobile **robot**. CURI-4 is a small tethered **robot** equipped with a camera and a gripper for grasping objects. The tether carries data as well as power. ... it does sound **pet** dog, or cat, and in fact ...

<http://www.geocities.com/SiliconValley/Lakes/7156/curi4.htm> - August 13, 1998 - 5 KB

42. The ErotiCat Homepage - ErotiCat News

Robokoneko - Harbinger of Things to Come? Science about to replace beloved house **pet** Japanese s have developed the first, nearly full-functional **robot** cat. This is not a joke.

<http://home.ican.net/~otiss/robocat/robocat.html> - February 1, 1999 - 3 KB

43. Case Study #2 - Sonet by Sony

... Tamagochi-type **pet** e-mail browser with backup **Robot**. Sonet **Pet** doll product extension ...

<http://www2.gol.com/users/coynerhm/EComm/tsld008.htm> - June 21, 1998 - 1 KB

44. page3

... Drawn by 5-6 year old. Type: **Robot**. Use: Virtual **Pet** and Information ...

<http://www.dcs.napier.ac.uk/~is6164/page3.html> - June 1, 1998 - 11 KB

45. TPUG Newsletters and Magazines

... TPUG - Toronto **PET** Users Group Inc. ... #3 - May 1984 - VIC **Robot**. #2 - March/April 1984 - Commodore Executive 64 ...

<http://www.icomm.ca/tpug/nl.htm> - October 20, 1998 - 8 KB

46. EEL 5666 Intelligent Machine Design Lab

Intelligent Machine Design Lab An Autonomous **Robot** University of Florida Department of Compute Electrical Engineering Su Va (Andy) Fong ... and a walking **robot**. It acts like a **pet** and tends to...

http://www.mil.ufl.edu/imdl/papers/IMDL_Report_Summer_98/Andy_Fong/transfor... - March 18, 1999 - 377 KB

47. Net-Safe TeX TODAY

... fully automated by a "**robot**" say "TeXHelper", Greg's young **pet**. Step (1) The **robot** scans the f netfile.tex to ...

<http://www.math.albany.edu:8800/hm/emj/9495/msg00160.html> - January 10, 1996 - 5 KB

48. Article Index

... 8051-based Robo-**Pet**; bumper switches; pulse-width modulation. February 1993 Starting an 805 Sumo **robot**; rules; ...

<http://www.seanet.com/~karllunt/artindex.htm> - September 5, 1997 - 11 KB

49. untitled

From: "Otto Hutter" <otto@ilab.sztaki.hu> Date: Wed, 24 Apr 1996 16:33:02 +0000 Subject: Re: Message-Id: <199604241544.AA03827@bagira.fsz.bme.hu> gt;

<http://www.fsz.bme.hu/mlists/www-l/199604/19960424.html> - April 24, 1996 - 3 KB

50. 5

Instituto de Informática - UFRGS 5 CURRICULUM VITAE RESUMIDO (PREENCHER UM PARA CADA D
PERMANENTE OU PARTICIPANTE) NOME: Dante Augusto Couto Barone ESTADO CIVIL: casado
NASCIMENTO: 11/02/56 SEXO: MASC. ... ORIENTAÇÃO DE ALUNOS GRADUAÇÃO **PET**/IC/OUTROS
GRADUAÇÃO ESP./M/D INSTITUIÇÃO ... Analysis of Different Paradigms in **Robot** Control Systems,
submetido ao IEEE Transactions ...

<http://penta.ufrgs.br/pgie/capesdoc/curdan~1.doc> - August 18, 1998 - 82 KB

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